

# ZEON

## CORPORATE PROFILE





## With SDGs as the foundation of our business plan, we contribute to the realization of our customers' dreams and a comfortable society as we all grow together.

Since its foundation in 1950, more than 70 years ago, Zeon has consistently provided many of the world's top-class products by applying our innovative technologies, which demonstrate the power of chemistry as their source.

In 1959, Zeon became the first company in Japan to mass produce synthetic rubbers. We developed a series of products after that, including synthetic rubbers, synthetic latexes, and thermoplastic elastomers, and we applied our adhesion technology toward commercializing a number of products as well. We also achieved mass production of polymerized toners using advanced polymer design technology and fine particle control technology, allowing us to establish early on the foundation of our current Elastomer Business. Furthermore, we took the lead in developing our overseas business with a global perspective and focus on Asia, including the manufacturing and processing of synthetic rubbers for fuel-efficient tires and special synthetic rubbers, as well as key automotive security parts. Today, our business encompasses more than fifty Group companies in Japan and overseas.

Business development then accelerated in new fields, demonstrating the challenges we have taken on in developing our proprietary technologies. The products of our Specialty Materials Business, another pillar of Zeon, encompassing specialty plastics, optical films, electronic materials, and materials for lithium-ion batteries, have become indispensable for supporting our modern lifestyles.

We are providing a series of diverse products for new markets, such as new materials for CASE and MaaS, products for healthcare and life sciences, and 5G and 6G wireless communications. Amid the present business environment, subject to dramatic change, we will strive to ensure safe plant operations and deliver reliable quality to customers while remaining committed to protecting the global environment. As part of this commitment, we have formulated a master plan for achieving carbon neutrality by 2050, which includes the transition to renewable energy at our domestic plants. To ensure that each member of the Zeon Group understands the SDGs as shared global goals, and to explore how we can contribute to their achievement, we have launched Group-wide initiatives that place the SDGs at the foundation of our business.

We will continue to contribute to the realization of our customers' dreams and a comfortable society by developing innovative technologies and products unique to Zeon.

Tetsuya Toyoshima  
President and CEO



### [Corporate Philosophy]

#### Contributing to the preservation of the Earth and the prosperity of the human race

In keeping with its name, derived from the Greek words "geo" (Earth) and "eon" (eternity), Zeon will contribute to a "Sustainable Earth" and "Safe and Comfortable Life for People" by providing original technologies, products, and services. (Revised in April 2021)

### [Sustainability Policy]

- We aspire to realize a "Sustainable Earth" and "Safe and Comfortable Life".
- We will firmly maintain fairness and integrity in our activities to be a trustworthy company.
- Each of us will think and act proactively for a better future.

Based on our corporate philosophy of "contributing to the preservation of the Earth and the prosperity of the human race", sustainability at Zeon means achieving sustainable growth together with society.

To achieve this, we will provide products and services that are valuable for solving global and social issues, build trust with our stakeholders through fairness and integrity and have each one of us act proactively thinking how to create a better future for the society and ourselves.



### Zeon Group Medium-Term Business Plan (STAGE30)

This is an overview of the Medium-Term Business Plan (STAGE30) for realizing our vision of Zeon by 2030. We intend to achieve this vision through our SDG initiatives to realize a better future in which the Earth and humanity coexist, as implied by the Corporate Philosophy.

The Zeon Group selected 9 of the 17 SDGs as corporate targets. Under our action guidelines for achieving them, we are committed to taking the three actions ("Let's try first," "Let's connect," and "Let's polish up") as what we refer to as the "Core Values." Through those efforts, we hope to be a company that lives up to societal expectations and the aspirations of employees.





Contributing to society with unique technologies based on our philosophy:  
Create products from materials supplied by mother earth  
and contribute to the prosperity of humankind.

Corporate Profile

Name	Zeon Corporation
Established	April 12, 1950
Capital	24.2 billion yen (as of March 31, 2024)
Consolidated Sales	382,279 million yen (FY 2023)
Employees	4,462 (as of March 31, 2024)
Business Descriptions	Elastomer Business: synthetic rubbers; synthetic latexes and chemicals Specialty Materials Business: specialty plastics and optical materials; information materials; energy materials; specialty chemicals and medical products Others: CNT (single-walled carbon nanotubes) RIM (reaction injection molding) formulation liquid and products, paints, etc.

Stock Listing	Tokyo (Prime market)
Number of shareholders	13,317 (as of March 31, 2024)

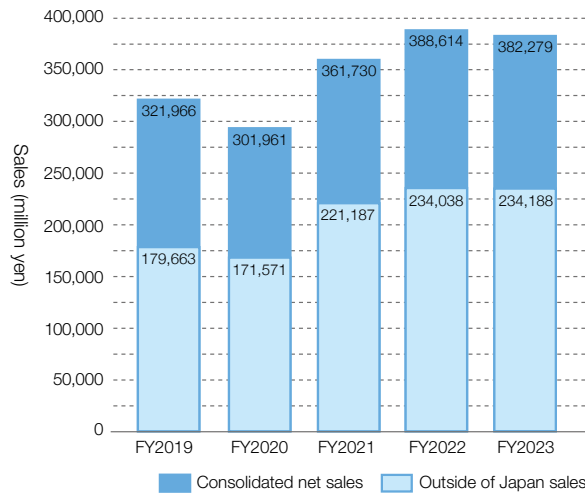
Names of major shareholders	Number of shares held (thousands)	Percentage of ownership (%)
The Master Trust Bank of Japan, Ltd. (Trust Account)	25,191	11.84
Custody Bank of Japan, Ltd. (Trust Account)	15,878	7.46
SSBTC CLIENT OMNIBUS ACCOUNT	12,652	5.95
Mizuho Bank, Ltd.	8,370	3.93
Asahi Mutual Life Insurance Company	7,679	3.61
The Yokohama Rubber Co., Ltd.	7,678	3.61
Asahi Kasei Corporation	5,043	2.37
National Mutual Insurance Federation of Agricultural Cooperatives	4,765	2.24
The Norinchukin Bank	4,000	1.88
Zeon Corporation Client Stock Ownership Association	3,847	1.81

Note: Treasury stocks (16,762 thousand shares) are not included in the above list. Shareholding ratio is calculated by deducting treasury stock.

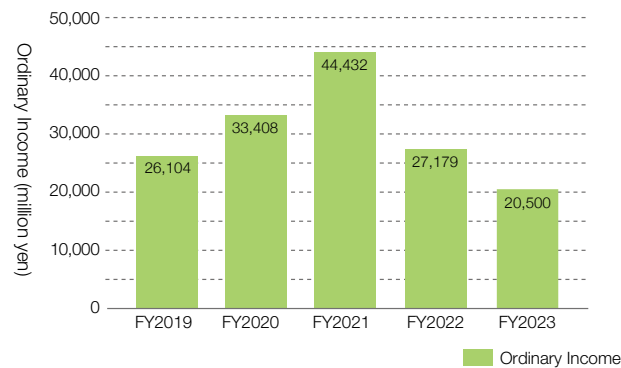
Offices and Plants

Head Office	Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-8246, Japan TEL: +81-3-3216-1772 FAX: +81-3-3216-0501
Osaka Office	Mainichi Newspapers Bldg., 3-4-5 Umeda, Kita-ku, Osaka, Osaka Pref. 530-0001 Japan TEL: +81-6-4797-8220 FAX: +81-6-4797-8225
Nagoya Office	Ichigo Fushimi Bldg., 1-18-24 Nishiki, Naka-ku, Nagoya, Aichi 460-0003, Japan TEL: +81-52-209-9145 FAX: +81-52-209-9147
Takaoka Plant	630 Ogino, Takaoka-shi, Toyama 933-8516, Japan TEL: +81-766-21-0252 FAX: +81-766-21-8201
Kawasaki Plant	1-2-1 Yako, Kawasaki-ku, Kawasaki, Kanagawa 210-9507, Japan TEL: +81-44-276-3700 FAX: +81-44-276-3701
Tokuyama Plant	2-1 Nachi-cho, Shunan-shi, Yamaguchi 745-0023, Japan TEL: +81-834-21-8501 FAX: +81-834-21-8793
Mizushima Plant	2767-1 Kojima Shionasu Aza Niihama, Kurashiki-shi, Okayama 711-8511, Japan TEL: +81-86-475-0021 FAX: +81-86-475-1169
Himi Futagami Plant	80 Kamitako, Himi City, Toyama 935-0035, Japan TEL: +81-766-91-8520 FAX: +81-766-91-8553
Tsuruga Plant	35 Azono, Tsuruga City, Fukui 914-0141, Japan TEL: +81-770-20-6300 FAX: +81-770-20-6301
R&D Center	1-2-1 Yako, Kawasaki-ku, Kawasaki, Kanagawa 210-9507, Japan TEL: +81-44-276-3721 FAX: +81-44-276-3720

Consolidated Net Sales and Outside of Japan Sales



Ordinary Income



History

1950	Apr.	The Japanese Geon Co., Ltd. founded to manufacture and sell plastics with starting capital of 5 million yen. Head Office set up within Nippon Light Metal Co., Ltd. (7-3 Ginza Nishi, Chuo-ku, Tokyo).
1951	Jan.	Technical assistance contract for the manufacture of polyvinyl chloride resins (PVC) concluded with BF Goodrich Chemicals Co. of the U.S.A.
1952	Apr.	PVC production began at Kanbara Plant (Shizuoka Pref.).
1953	Sep.	Technological Research Laboratory opens.
1956	Nov.	PVC production began at Takaoka Plant (Toyama Pref.).
1959	Jul.	Production of Japan's first synthetic rubbers began at Kawasaki Plant (Kanagawa Pref.). Central Research Laboratory opens.
1961	Sep.	Listed on the Tokyo Stock Exchange. Listed on the Osaka and Nagoya Stock Exchanges in October.
1965	Jun.	Head Office moves to 2-6-1 Marunouchi, Chiyoda-ku, Tokyo.
	Aug.	Butadiene and SBR production using the GPB Process (Zeon's proprietary technology for extracting butadiene) began at Tokuyama Plant (Yamaguchi Pref.).
	Nov.	Began production of BR at Tokuyama Plant.
1967	Mar.	Kanbara Plant closed.
1969	Aug.	PVC production began at Mizushima Plant (Okayama Pref.).
1970	Sep.	All stock of The Japanese Geon held by BF Goodrich Chemical Co. of the U.S.A. transferred to Japanese interest.
1971	Nov.	English company name changed to Nippon Zeon Co., Ltd. GPI (Zeon's proprietary technology for extracting isoprene) facility completed in Mizushima Plant and production of IR begin at the plant.
1973	Aug.	C5 hydrocarbon resin production began at Mizushima Plant.
1978	Feb.	Production of NBR began at Tokuyama Plant.
1980	Apr.	Synthetic aromatic chemicals production began at Mizushima Plant.
1982	Jul.	Electronic materials business launched.
1984	Apr.	Production of Zetpol® (hydrogenated NBR) began at Takaoka Plant.
1985	Nov.	Entire company awarded Deming Prize for TQC.
	Dec.	Production of thermoplastic elastomer SIS began at Mizushima Plant.
1986	Mar.	Production of polymerized toner began at Kawasaki Plant.
	Aug.	Solution-polymerized SBR production began at Tokuyama Plant.
1989	Mar.	Nitrile rubber operations of BP Chemical Ltd. in U.K. purchased.
	Sep.	RIM products business launched.
	Oct.	Specialty rubber business of BF Goodrich Chemicals Co. of the U.S.A. purchased.
1990	Feb.	Company becomes first enterprise in the world to receive approval to manufacture ventricular-assist devices.
	Oct.	A comprehensive medical equipment plant completed within the Takaoka Plant.
	Nov.	ZEONEX® (Cyclo Olefin Polymer) plant completed within the Mizushima Plant.
1994	Jul.	Environmental materials business launched in its entirety.
	Oct.	Takaoka and Tokuyama Plants acquire ISO 9002 certification. (Kawasaki and Mizushima Plants acquire certification in 1995.) Combined septic tank production facility completed at Mizushima Plant.
1995	Jul.	PVC business via transfer to Shin Dai-ichi Vinyl Corporation spun-off.
1998	Jun.	Construction of C5 hydrocarbon resin plant of Zeon Chemicals (Thailand) Co., Ltd. completed.
	Sep.	Sales of ZEONOR® (Cyclo Olefin Polymer), started.
	Nov.	Takaoka Plant acquires ISO 14001 certification. (Tokuyama, Mizushima, and Kawasaki Plants acquire certification in 1999.) Production facility for ZEORORA® completed at Takaoka Plant.
1999	Sep.	NBR business from DSM Copolymer of the U.S.A. purchased.
2000	Mar.	Specialty rubber business from the Goodyear Tire & Rubber Company of the U.S.A. purchased.
	Jul.	PVC production at Mizushima Plant discontinued. Company withdraws from vinyl chloride business.
	Oct.	Company logo changed and English company name changed to Zeon Corporation to mark the 50th anniversary.
2001	Dec.	COP processing facility completed in Takaoka Plant.
2002	Oct.	ZeonorFilm® (LCD optical film) launched.
	Aug.	Green Sustainable Chemistry Minister of the Environment Award received for development of ZEORORA®.
2003	Mar.	Manufacturing and sales company for logistics materials established.
	Jul.	RIMTEC Corporation founded.
2004	Apr.	Construction of a polymerized color toner plant began.
	Oct.	Construction of the facility for LCD diffusion plates made with COP completed.
	Aug.	Construction of a new CMB (Carbon Master Batch) factory completed in Guangzhou, China.
2005	Feb.	New Low-k dielectric material for inter-layer insulation developed.
	Oct.	COP production capacity improved to 15,000 tonnes.
	Mar.	Construction of Precision Optics Laboratory and ZeonorFilm® Complex No. 5 at Takaoka Plant completed.
	Apr.	Relocated head office to current location at 1-6-2 Marunouchi, Chiyoda-ku, Tokyo.
	Oct.	Constructed new manufacturing facility and launched sales of New Ether Solvent (CPME, cyclopentyl methyl ether).
2006	Apr.	Construction of R&D facility for chemicals development completed in Yonezawa City, Yamagata Pref.
	May	Completed R&D building No. 10.
	Dec.	CPMT Young Award received from the IEEE (Institute of Electrical and Electronics Engineers) for development of COP insulation film.

2006	Dec.	Production capacity expanded for synthetic aromatic chemicals and leaf alcohol.
2007	Aug.	Received Association Award from the Society of Synthetic Organic Chemistry, Japan, for the development and commercialization of CPME.
	Sep.	Won METI Minister's Prize of the second Monozukuri Nippon Grand Award for Optical Films.
	Jun.	New facility for optical films constructed in Himi City, Toyama Pref.
2008	Jun.	Construction of the Integrated Product Center (IPC) at the Mizushima Plant completed.
	Feb.	Optes Inc. absorbed by Zeon.
2010	Feb.	Applied to delist from the Osaka Securities Exchange (delisted in March 2010).
	Dec.	Zeon Chemicals Singapore Pte. Ltd. founded.
2011	Feb.	Zeon Korea Co., Ltd. founded.
	Jul.	Profiles in Sustainability Award received in the product category at InformexUSA 2011 for CPME.
	Oct.	Zeon (Shanghai) Co., Ltd. in China established.
	Feb.	New production facility for retardation film completed in Himi City, Toyama Pref.
2012	Feb.	Zeon Manufacturing Vietnam Co., Ltd. founded.
	Aug.	New hydrogenation facility for Zetpol® completed at Kawasaki Plant.
2013	Mar.	Tohpe Corporation becomes subsidiary through TOB.
	Oct.	Completed construction of a new optical film plant in Tsuruga City, Fukui Pref.
2014	Apr.	Construction of Zeon Chemicals Singapore Pte. Ltd. completed.
	Jul.	Production of S-SBR begins.
2015	Jul.	Zeon India Private Limited in India established.
	Nov.	Zeon Kasei Mexico S.A. de C.V. established in San Luis Potosi City, Mexico.
	Apr.	Construction of carbon nanotube (CNT) production facility completed at Tokuyama Plant.
2016	Apr.	Prizes for Science and Technology from the Ministry of Education, Culture, Sports, Science and Technology of Japan received jointly with the Institute of Advanced Industrial Science and Technology (AIST) for the development of mass production technology for carbon nanotubes.
	Dec.	Construction completed of mass production facility for high-performance thermal interface material that combines CNT with rubber.
2017	Feb.	CNT composite material research center established with Institute of Advanced Industrial Science and Technology (AIST) and others.
	Apr.	ZS Elastomers Co., Ltd., a joint venture with Sumitomo Chemical Co., Ltd., begins operations.
	May	Received Outstanding Technology Award from the Society of Polymer Science, Japan, for development of asymmetric SIS copolymer.
	Aug.	Opened Asia Technical Support Laboratory in Singapore.
	Sep.	Completed construction of a hydrogenation facility for the petroleum resin manufacturing plant at Mizushima.
	Oct.	Established Zeon Specialty Materials Inc. in California, U.S.A., as a local sales subsidiary for specialty materials and began operations.
2018	Sep.	Established Zeon Chemicals Asia Co., Ltd. for the manufacture and sale of acrylic rubber, for which commercial production started in August 2021.
2019	Feb.	Received the Okochi Memorial Foundation Technology Prize for development of LCD retardation films.
	Mar.	Certified as White 500 Company for Outstanding Health and Productivity Management 2019 (Large Enterprise category)
	Apr.	Established Zeon Opto Bio Lab Co., Ltd.
	Jul.	Became a signatory to the United Nations Global Compact.
	Dec.	Absorbed TFC Inc. on April 1, 2020.
2020	Jan.	Completed a new production line for optical film for large-screen TVs. (Tsuruga City)
	Apr.	Marked the 70th anniversary of Zeon.
	Jun.	Received the FY2020 Technology Award from the Adhesion Society of Japan for research on label adhesives using asymmetric SIS.
	Sep.	Publicly declared support for recommendations made by the Task Force on Climate-related Financial Disclosures (TCFD).
	Oct.	Expressed support for the Intellectual Property Open Access Declaration Against COVID-19.
2021	Apr.	Began implementing a formal system for teleworking.
	Jun.	Jointly developed new technology for creating butadiene from biomass with RIKEN and Yokohama Rubber Co., Ltd.
	Aug.	Began production of High Thermal Interface Materials (TIM).
	Oct.	Began full-scale commercial production of acrylic rubber in Thailand.
	Dec.	Established the Health and Productivity Management Declaration and Wellness Code of Conduct.
2022	Jan.	Optes Inc. was absorbed, and its plants were renamed as Himi Futagami Plant and Tsuruga Plant.
	Feb.	Established Zeon Ventures Inc. in California, U.S.A.
	Apr.	Acquired U.S. company Aurora Microplates. Zeon Corporation shares were transferred from the First Section of the Tokyo Stock Exchange to the Prime Market.
	Jul.	Renovated the head office.
	Jan.	Established the Sustainability Policy.
2023	Jan.	Acquired U.S. company Edge Precision Manufacturing, Inc.
	Dec.	Determined the five gears that drive Zeon. (materiality)
2024	Mar.	Completed construction of recycling plant for Cyclo Olefin Polymer. (COP)
	Apr.	Launched the SDGs Contribution Product Certification program.



Head office



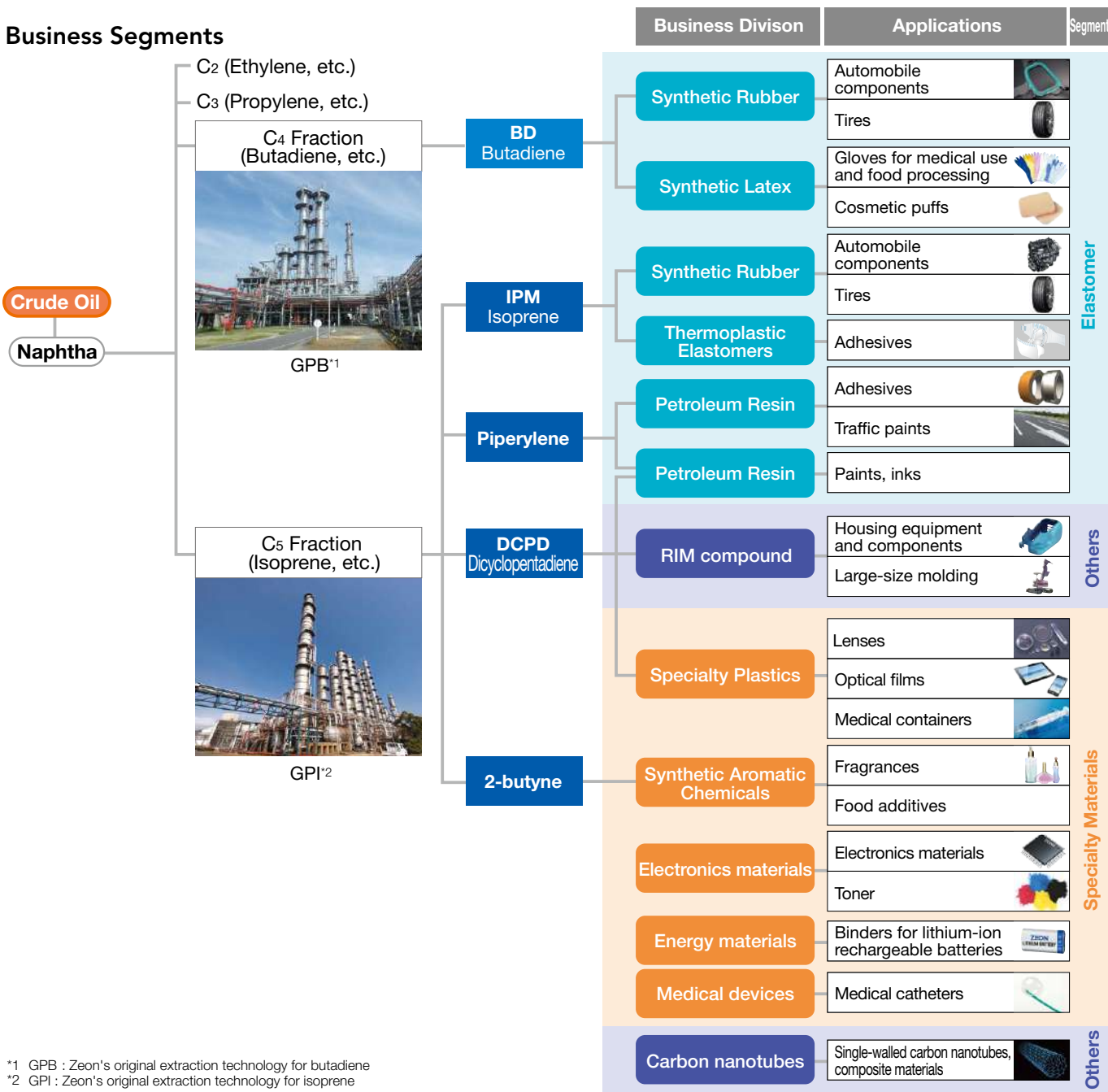


Proudly presenting unique technologies and products to the world  
by comprehensively utilizing C<sub>4</sub> and C<sub>5</sub> fractions in a domain  
that gives Zeon the competitive edge

Zeon's business is centered on the C<sub>4</sub> and C<sub>5</sub> fractions (hydrocarbons containing four or five carbon atoms) produced by refining naphtha after separating it from crude oil.

Zeon is uniquely positioned in the world as a company that makes comprehensive use of C<sub>5</sub> fractions. We extract various raw materials such as isoprene, piperylene, and dicyclopentadiene, used to generate a broad range of products including polyisoprene rubbers, SIS thermoplastic elastomers, petroleum resins, synthetic aroma chemicals, reaction injection molding (RIM) formulation liquids, and Cyclo Olefin Polymer (COP). The Mizushima plant is primarily involved in the comprehensive use of C<sub>4</sub> fractions and C<sub>5</sub> fractions at Zeon's core production site. The GPB and GPI extraction processes used at the plant are proprietary Zeon technologies for manufacturing highly pure materials, and they have been widely recognized with awards including the Okochi Memorial Foundation's Production Award.

Business Segments



\*1 GPB : Zeon's original extraction technology for butadiene  
\*2 GPI : Zeon's original extraction technology for isoprene

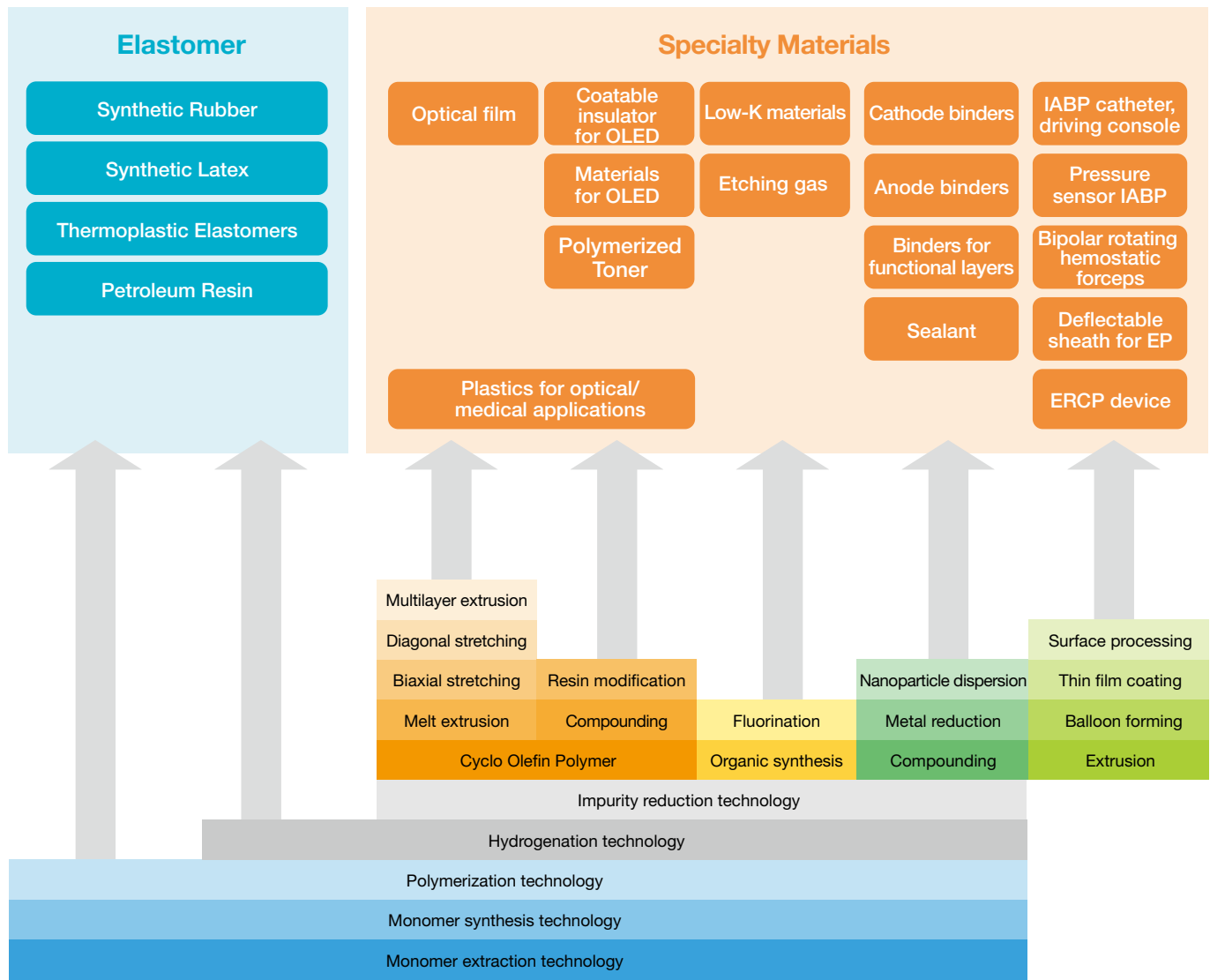
Continuously Developing Products and Technologies  
Zeon's Technology Platform

Building on our technologies for monomer extraction, monomer synthesis, and polymerization, we have developed core technologies such as hydrogenation and impurity reduction. We consistently develop unique technologies in line with the ongoing expansion of our business. The Zeon Group owes its broad array of businesses to possessing basic technologies under development with an eye on future commercialization. And we will continue to work on raising the efficiency of our R&D and developing new products and technologies that genuinely address customer needs.



R&D Center Building No. 10

Core Technologies and Products





We are strengthening and polishing up our businesses to establish a sound business structure.  
To contribute to the SDGs, we focus resources on creating new businesses and developing new products.







Zeon's business segments can be broadly categorized into two groups.

In the Elastomer Business, we have pioneered in meeting the global needs of promising markets and established a global supply system. We will further boost our competitive businesses with proven track records while enhancing support for product supply and development.


























In the Specialty Materials Business, we are forging ahead with R&D in key areas to expand applications into new business domains. Zeon is working to reduce the environmental load of all products during product manufacturing and use, and it intends to contribute to societal development and technological innovation through the use of these products.






## Elastomer Business

Synthetic Rubber	<b>Solution-polymerized Styrene Butadiene Rubber (S-SBR)</b> Nipol® NS Series (oil extended and non-oil extended)		<b>Butadiene Rubber (BR)</b> Nipol® BR Series	<b>Acrylonitrile Butadiene Copolymer (NBR) Latex</b> Nipol® NBR Series (very high nitrile, high nitrile, middle high nitrile and middle nitrile) Liquid nitrile elastomers, powder NBR, terpolymer NBR, polyblend	<b>Epichlorohydrin (ECO) Polymers</b> Hydrin® <b>Acrylic Rubber (ACM)</b> Nipol® AR	<b>Hydrogenated Nitrile Rubber (HNBR)</b> Zetpol® (very high nitrile, high nitrile, middle high nitrile, low temperature grades) Zetpol® PB (polyblend) Zeoforte® hydrogenated NBR alloy	
	<b>Emulsion-polymerized Styrene Butadiene Rubber (E-SBR)</b> Nipol® NS Series (oil extended and non-oil extended)		<b>Isoprene Rubber (IR)</b> Nipol® IR Series				
Synthetic Latex	<b>Styrene-butadiene copolymer (SB) latex</b> Nipol®		<b>Polybutadiene copolymer latex</b> Nipol®	<b>Acrylonitrile butadiene copolymer (NBR) latex</b> Nipol®	<b>Acrylate latex</b> Nipol®	<b>Hydrogenated Nitrile Rubber (H-NBR) latex</b> Zetpol®	
	<b>Aliphatic Hydrocarbon Resin</b> Quintone®100		<b>Alicyclic Hydrocarbon Resin</b> Quintone®1000	<b>Thermoplastic elastomer (SIS)</b> Quintac®			

## Specialty Materials Business

Specialty Plastics	<b>Resins and Optical and Medical Applications</b> ZEONEX®		<b>Engineering Plastics</b> ZEONOR®				
	<b>Plastic Molding Products</b> Molded products based on ZEONEX®		<b>Optical Film</b> ZeonorFilm®				
Specialty Components	<b>Lift-off resist</b> ZPN series		<b>Electron beam resist, developer</b> ZEP series				
	<b>Etching gas (C5F8)</b> ZEORORA® ZFL-58		<b>Binders for batteries</b> Cathode binders, anode binders, binders for functional layers, sealants for batteries, adhesive for separator				
Electronic Materials	<b>Synthetic Aromatic Chemicals</b> Green notes, jasmine notes, lactone notes, other notes		<b>Specialty Chemicals (Pharmaceutical and Agrochemical Intermediates, Industrial Chemicals)</b> Hydrocarbons, Alcohol, Ketones, halogenated compounds Fluoride compounds, Other				
	<b>Specialty solvents, cleaning solvent</b> Cyclopentyl methyl ether (CPME),		<b>Specialty Chemicals (Pharmaceutical and Agrochemical Intermediates, Industrial Chemicals)</b> Hydrocarbons, Alcohol, Ketones, halogenated compounds Fluoride compounds, Other				
Battery Materials	<b>Cardiovascular Field</b> IABP balloon catheters, PTCA balloon catheters, PTCA guide wires, catheters for thrombus removal, thermolysis catheters, introducer sets, temporary pacing catheters, guide wires for angiography, angiokits, hemostatic devices		<b>Gastroenterology Field</b> Bipolar snares, balloon catheters for bile stone removal, biliary stents, crusher catheters, basket catheters				
	<b>Nutritional products</b> TPN line EN catheters		<b>Nutritional products</b> TPN line EN catheters				
Chemicals	<b>Polymerized toner</b> ZEOGLOBULE™		<b>Polymerized toner</b> ZEOGLOBULE™				
	<b>Polymerized toner</b> ZEOGLOBULE™		<b>Polymerized toner</b> ZEOGLOBULE™				

## Other Businesses

<b>CNT Business</b>	<b>Super-Growth Carbon Nanotube</b> ZEONANO®	
<b>RIM Business</b>	<b>RIM Formulation liquids and Products</b> TELENE®	
<b>Paints Business</b>	<b>Paints</b> Paints for Construction and Building Exteriors	





As a foundation of Zeon's business, the Elastomer Business manufactures and provides synthetic rubbers—its mainstay products—as well as synthetic latexes, chemicals, and polymerization toners to support daily life and multiple industries while contributing to society.



## Synthetic Rubbers

**We established a system for delivering our products worldwide through global business expansion and an international manufacturing system, allowing us to continuously deliver new products to the automobile industry. We are also driving an R&D effort for next-generation polymers such as bio-butadiene rubber.**

Zeon's history of producing synthetic rubbers is synonymous with the journey of synthetic rubber production in Japan. We were the nation's first to manufacture synthetic rubbers more than half a century ago. Our Zetpol®, the world's first hydro-generated nitrile rubber is used in wide-ranging applications as the material for automotive timing belts and hydraulic equipment. Our S-SBR for fuel-efficient tires have attracted significant attention for contributing to the reduction of fuel consumption, leading Zeon to build a new plant in Singapore in addition to its Tokuyama Plant in order to keep pace with vigorous demand. Now, our annual production capacity at the two S-SBR production bases exceeds 120,000 tonnes. Zeon's proven intelligent integrated production system supports to ensure stable and safe production. Also, we are actively promoting R&D for next-generation elastomers, such as bioisoprene, as

an automotive material with less environmental impact. Applying its strength in specialty synthetic rubbers, Zeon seeks to transform itself into a global leader in synthetic rubbers, which continue to be the powerful foundation of Zeon's business.



Synthetic rubber



S-SBR production plant(Second Plant of Zeon Chemicals Singapore)



Car tires with SBR, S-SBR, BR, and other material.



Specialty synthetic rubber used in automobile engines



## Synthetic Latexes

**Supporting your everyday life and industry with wide variety of applications**

The number of applications for synthetic latexes is rapidly increasing. The market for latex for gloves, a principal application field, has shown robust growth, which in turn has led to robust growth for Zeon's NBR. Our latexes are also being widely used for such applications as paper coatings (including the impregnation), ABS resin modifier, fibers or non-woven fabrics, an adhesive for tire cords, and cosmetic puffs.



Latex



NBR latex gloves



Cosmetic puffs with NBR latex



## Chemicals

**Generating innovative products through the comprehensive use of C<sub>5</sub> Fractions and development of global businesses**

The GPI Method is the pillar of Zeon's unique technology. Our Mizushima Plant is the world's only facility that comprehensively utilizes C<sub>5</sub> fractions, and Zeon's Chemicals Business comprises products made at this plant. We are targeting Quintone®, a petroleum resin used in adhesives and traffic paints, and Quintac® thermoplastic elastomer SIS into the world's top product in this field. Our newly developed *asymmetric SIS* is expected to provide new value to customers and new applications such as elastic films for paper diapers.



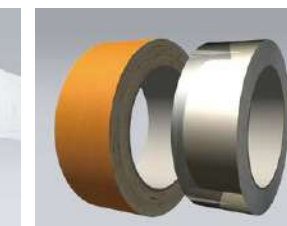
Quintone®



Traffic paint with C<sub>5</sub> petroleum resin



Diapers with Quintac®



Adhesive tapes with Quintone® and Quintac®





High value-added materials created by combining polymer design and processing technologies have drawn significant attention as next-generation materials.

## Specialty Plastics Cyclo Olefin Polymer(COP)

**ZEONEX® and ZEONOR®, developed by our unique C<sub>5</sub> technologies, generate high-value-added products that are key to Zeon's future.**

A quarter of a century since the full-scale launch of Zeon's specialty plastics business in 1990, ZEONEX® has emerged as the top brand in optical resins, in reputation and reality. In addition to utilizing its optical characteristics in applications such as lenses and prisms, other characteristics such as its high purity, low moisture absorption, and low adsorption are now being used in a widening range of applications, including medical products such as syringes and vials.

### ZEONOR® enriches daily life in the shape of optical film.

ZEONOR® is marketed not only as a resin but also as the optical film ZeonorFilm®. Created using Zeon's unique technology, ZeonorFilm® is used in various display devices, from large-screen LCD TVs to tablets and smartphones. Zeon upholds a consistent design concept from polymer design to processed products and maintains its advanced technological capabilities ensuring a direct link between its laboratories and production plants to continue generating products that will meet the needs of display devices for the next generation.



Lenses and prisms for cameras and optical equipment using ZEONEX®



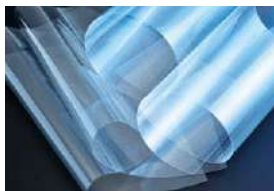
Syringe



Smartphone (lens, film)



Large-screen TV



ZeonorFilm®



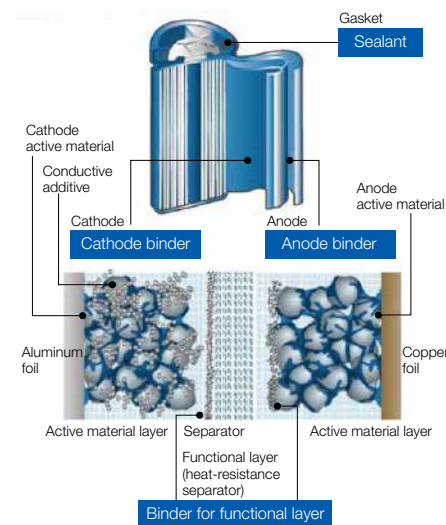
ZEONEX® pellet



## Energy Materials

**Enhancing the product lineup in the high-growth battery market.**

Zeon's binders for batteries have met customer needs for safety and superior quality while ensuring the required performance of lithium-ion batteries. Anode binders in particular command the top market share worldwide. Recently, we added an adhesive for battery separators (AFL®) to the present product lineup of binders for a cathode and for functional layers. The radical shift to EVs and HVs in the automobile industry has resulted in increasingly high expectations for battery materials.



## Chemicals

**A wide range of products with a focus on synthetic fragrances that enrich our daily lives, as well as industrial chemicals, pharmaceutical and agricultural intermediates, and cleaning solvents.**

Synthetic aromatic chemicals that enrich our daily lives constitute the pillar of our Chemicals Business play a particularly essential role in food products, fragrances, and cosmetics. This segment also offers a variety of products all derived from the comprehensive use of C<sub>5</sub> fractions, such as industrial chemicals, pharmaceutical and agrochemical raw materials and intermediates, and cleaning solvents.



Major synthetic aroma chemicals with jasmine notes used in shampoos, conditioners, and soaps.







High value-added materials created by combining polymer design and processing technologies have drawn significant attention as next-generation materials.

## Medical Devices

### Contributing to a better quality of life by providing medical devices

Zeon's medical division has sought to expand businesses centered on the gastroenterology and cardiovascular fields. Cardiovascular products include the IABP (Intra-Aortic Balloon Pumping) driving console and a device to diagnose coronary artery blockage, as well as a PTCA balloon catheter—a peripheral medical device. As products for the digestive system, we offer devices for endoscopic diagnosis and treatments such as stone-flushing offset balloon catheter, crusher catheter, and biliary stents with a thinner catheter for bile duct diseases. Our production plant and laboratory for medical devices are at the same location, allowing for us to rapidly develop new products by anticipating user needs.



Zeon Medical Inc.  
Plant (Takaoka City, Toyama Prefecture)



Inside the Plant



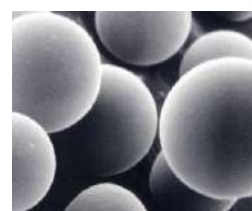
Balloon catheter



## Polymerized Toners

### Spherical toner for printers from Zeon's advanced polymer design technology and fine particle control technology

Zeon was first in the world to achieve industrial-scale production of polymerized toners based on its advanced polymer design technology and fine particle control technology cultivated through its experience in synthetic rubber and latex. ZEOGLOBULE™ is a groundbreaking toner featuring uniform spherical forms that contributes not only to ensuring higher image quality but also to energy conserving printing due to its low temperature fixing.



ZEOGLOBULE®



(Ref. Pulverized toner)



## CNT Business

### With a world-first mass production plant for carbon nanotubes (CNTs), a dream material, our CNT Business is ready for full-fledged operations. Innovative solutions for next-generation materials are on the way.

Following the NEDO project and joint research with Japan's National Institute of Advanced Industrial Science and Technology, we started the mass production of CNTs at the Tokuyama plant in 2015. We have developed novel materials by combining CNTs with rubber and resin, leveraging their excellent properties. We are also developing new applications such as highly heat-resistant rubber and super thermal conductive composite materials. TIM using the rubber/single-walled carbon nanotube (ZEONANO®) composite achieves low thermal resistance and resolves the overheating problem of servers and power devices.

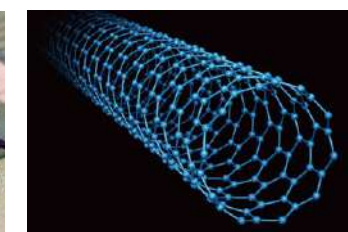
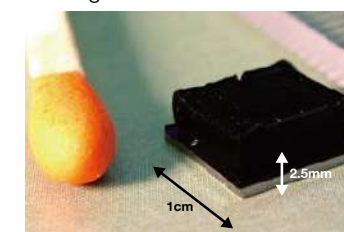


Image of the carbon nanotube structure



## RIM Business

### We are actively developing our overseas RIM Business and working to expand our market, focusing on operations at Telene S.A.S. in Lille, France as a development and sales base for Europe.

Dicyclopentadiene extracted from C5 fractions are used as the main ingredient for fromation liquid for thermosetting resins that are molded using the RIM process. The molded products have many advantages in physical properties and in easier process. That is ideally suited for the large-scale molding of products such as combined septic tanks for homes, prefabricated bath units, flooring material for bathrooms, and truck bumpers.



## Other Businesses

### Paints Business

Zeon acquired a paint manufacturer Tohpe Corporation in 2013 to develop and sell paints that optimally meet user needs.

### Building Materials Business

Zeon Kasei manufactures and sells various building materials including sound insulator and siding materials.





**Zeon's next-generation innovations are generating new products directly linked to its business strategy through R&D that capitalizes on its unique technologies.**

**Basic Philosophy on R&D**

Technology is at the center of Zeon's management philosophy, and we conduct our R&D by following our basic philosophy of "contributing to society by continuously creating the world's No. 1 products and businesses based on innovative and original technologies that are unique to Zeon, even in niche markets, in fields in which Zeon excels, and that no one else can imitate, and that are friendly to the earth."

Zeon has around 500 researchers. In addition to the Kawasaki area in Kanagawa Prefecture, we have laboratories located near each plant in Takaoka, Tokuyama, and Mizushima. By having our R&D organizations and production sites in close proximity, we have established a flexible and efficient R&D system that enables us to unify our manufacturing and technology and create lab-scale prototypes.

Furthermore, we have been steadily advancing our global R&D structure, comprising a network of Zeon Group companies in Japan and overseas. In the Synthetic Rubber Business, our R&D bases in the U.S., China, and Singapore conduct research on next-generation materials while also providing user support. Meanwhile, we have begun pursuing new R&D initiatives, such as the establishment of an Incubation Center focused on new businesses and technologies. We are also taking on the challenge of continuously pursuing R&D, including initiatives for achieving the SDGs by 2030.



R&D Center Building No. 8



**Organization**

Zeon research and development are undertaken at its R&D Center. Along with laboratories in the Kawasaki area, laboratories adjacent to our plants are working to accelerate the development of new products.

**Research & Development Center**

- Incubation Center
- Cell Bioscience Laboratory
- Analytical Technology Laboratory
- CNT Laboratory
- Elastomer Laboratory
- Polymerization Toner Laboratory
- Specialty Chemicals Laboratory
- Composite Material Laboratory
- Advanced Performance Material Laboratory 1
- Advanced Performance Material Laboratory 2
- Specialty Plastics Laboratory
- Precision Optics Laboratory
- Manufactured Product Development Laboratory
- Dispersion Technology Laboratory
- Production Technology Laboratory
- Carbon Neutral Laboratory
- Mobility Studio
- Medical & Life Science Studio
- R&D Planning
- R&D Administration



Production Technology Laboratory(Kawasaki)



Precision Optics Laboratory(Takaoka)

**R&D Hearings**

Each laboratory holds once-a-month research hearings to confirm the feasibility and competitive advantage of research themes based on Zeon's medium- to long-term strategy. Each hearing is attended by the president and other managers who directly receive progress reports on development projects from the researchers. Consistency between management and R&D strategies is another characteristic of the Zeon Group's R&D.





Delivering consistent quality and reliability to the world,  
grounded in our production innovation methodology



## Kawasaki Plant / R&D Center

The Kawasaki Plant was the first facility in Japan to mass produce synthetic rubbers. Over the sixty years since then, it has been manufacturing specialty synthetic rubber with excellent oil and heat resistance properties for automobile industries as well as synthetic latex for rubber gloves and cosmetic puffs. It is playing an important role as the main plant in the Tokyo metropolitan area that emphasizes the importance of environmental protection and safety. The R&D Center is located at the same site.

**Location** 1-2-1 Yako, Kawasaki-ku, Kawasaki City, Kanagawa Prefecture, Japan

**Start of operations** July 1959

**Major products** : Synthetic rubbers, synthetic latexes, Lithium-ion Rechargeable Battery Materials



## Takaoka Plant

The plant began as a mass production factory for vinyl chloride resin and played an important role in meeting expanding demand. It subsequently withdrew from the production of vinyl chloride resin in response to the evolving business environment and now manufactures high added-value products such as hydrogenated nitrile rubber and electronics materials. Production of Cyclo Olefin Polymer has also begun, and the plant continues to operate as a cutting-edge factory for our Specialty Materials Business.

**Location** 630 Ogino, Takaoka City, Toyama Prefecture, Japan

**Start of operations** November 1956

**Major products** : Synthetic rubbers, electronic materials, Cyclo Olefin Polymer



## Mizushima Plant

This facility was created in the Mizushima Waterfront Industrial Complex in Kurashiki-shi as a production base of general-purpose vinyl chloride resin. Then the plant has added a butadiene monomer extraction plant and isoprene monomer extraction plant. Due to the successful development of the GPI method, the plant is now expanding and developing as an unrivaled production site for the Cs business. We have implemented a production innovation system based on the Daicel way in this plant.

**Location** 2767-1 Kojima Shionasu Aza Niihama, Kurashiki City, Okayama Prefecture, Japan

**Start of operations** July 1969

**Major products** : Synthetic rubbers, thermoplastic elastomers, petroleum resin, Cyclo Olefin Polymer, synthetic aromatic chemicals, butadiene (monomer), isoprene (monomer)



## Tokuyama Plant

The Tokuyama Plant was established as the main factory of synthetic rubber utilizing butadiene monomers obtained by the GPB method. Facilities to handle specialty synthetic rubbers and synthetic latexes were subsequently established, and manufacturing of polymerized toners started in 1995. A large part of the manufactured synthetic rubber is exported to Europe, the United States, and Asian countries. As the core factory of Zeon Corporation's material business. Moreover, the world's first mass production facility for single-walled carbon nanotubes was completed within this facility, raising expectations for the mass production of next-generation materials.

**Location** 2-1 Nachi-cho, Shunan City, Yamaguchi Prefecture, Japan

**Start of operations** August 1965

**Major products** : Synthetic rubbers, synthetic latexes, polymerized toners, single-walled CNT, butadiene (monomer)



Takaoka Plant



Mizushima Plant



Tokuyama Plant



## Himi Futagami Plant

The plant comprises two facilities, in Takaoka City and Himi City, for the mass production of optical film. It developed an integrated system for manufacturing optical film from ZEONOR® specialty plastic and has significantly contributed to the success of Zeon's display business by rapidly responding to user needs.

**Location** Himi: 80 Kamitako, Himi City, Toyama 935-0035, Japan  
Futagami: 422-1 Futagamishin, Takaoka City, Toyama 933-0981, Japan

**Start of operations** Himi: September 2007

Futagami: June 2001

**Major products** : Optical film



## Tsuruga Plant

The plant handles the mass production of optical film. In 2020, it began manufacturing the world's widest 2,500 mm optical film for large-screen TVs and plans to roll out a new line in 2023 to double production capacity.

**Location** 5 Azono, Tsuruga City, Fukui 914-0141, Japan

**Start of operations** October 2013

**Major products** : Optical film

## Group Companies in Japan

### 1 Zeon F&B Co., Ltd.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-3216-1410 FAX: +81-3-3216-1421

• Factoring, agency business for nonlife insurance, real estate transactions, personal loan service; personnel, general affairs, and accounting operations under consignment

### 2 Zeon Kasei Co., Ltd.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-5208-5111 FAX: +81-3-5208-5290

• Manufacturing and sales of plastic products and packing materials

### 3 Zeon Chemicals Yonezawa Co., Ltd.

3-446-13 Hachimanpara, Yonezawa City, Yamagata 992-1128, Japan  
TEL: +81-238-29-0055 FAX: +81-238-29-0053

• Manufacturing, processing, and sales of aromatic chemicals and RIM formulations

### 4 Zeon North Co., Ltd.

1061-2 Yonejima, Takaoka-shi, Toyama 933-0076, Japan  
TEL: +81-766-25-1111 FAX: +81-766-25-4059

• Contracting, design, construction, and management for various facilities; sales of industrial materials and equipment; purchasing and sales of petrochemical products

### 5 Zeon Polymix Inc.

1-11-1 Ishizue, Ohtsu City, Shiga 520-2272, Japan  
TEL: +81-77-546-1223 FAX: +81-77-546-0338

• Refining and processing of synthetic rubber (carbon masterbatches)

### 6 Zeon Medical Inc.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-3216-1265 FAX: +81-3-3216-1269

• Manufacturing and sales of medical devices

### 7 Zeon Yamaguchi Co., Ltd.

2-1 Nachi-cho, Shunan City, Yamaguchi 745-0023, Japan  
TEL: +81-834-21-8482 FAX: +81-834-21-8663

• Purchasing and sales of civil engineering materials, packing materials, and various facilities; design, construction, and contracting for various plants; environment analysis

### 8 Tohpe Corporation

1-5-11 Chikkoshinmachi, Nishi-ku, Sakai City, Osaka 592-8331, Japan  
TEL: +81-72-243-6411 FAX: +81-72-243-6415

• Manufacturing and sales of paints and specialty materials

### 9 RIMTEC Corporation

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-5220-8581 FAX: +81-3-5220-8584

• Manufacturing, processing, and sales of RIM formulation liquids

### 10 Tokyo Zairyo Co., Ltd.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-5219-2171 FAX: +81-3-5219-2201

• Purchasing and sales of various chemical products

### 11 ZS Elastomers Co., Ltd.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-3216-0620 FAX: +81-3-3216-0629

• Sales and R&D of S-SBR

### 12 Okayama Butadiene Co., Ltd.

Sen-i Kaikan 2F 3-1-11, Nihonbashi-Honcho, Chuo-ku, Tokyo 103-0023, Japan  
TEL: +81-3-3278-0721 FAX: +81-3-3278-0722

• Manufacturing and sales of butadiene monomers

### 13 ZIS Information Technology Co., Ltd.

Shin Marunouchi Center Building, 1-6-2 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan  
TEL: +81-3-3216-6500 FAX: +81-3-3216-6534

• Consulting for data processing systems; sales and maintenance of computers and office automation equipment

### 14 Zeon Opto Bio Lab Co., Ltd.

234-1, Konaka-cyo, Sano-shi, Tochigi 327-0001, Japan  
TEL: +81-283-23-7061 FAX: +81-283-23-7054

• Molding of plastic productst



Tohpe Corporation



Zeon Chemicals Yonezawa Co., Ltd.



Zeon Medical Inc. (Takaoka)



Kawasaki Plant



R&D Center





Zeon's global network continues to expand across many different borders.



**1 Zeon (Shanghai) Co., Ltd.**

Room 4109, 2 Grand Gateway No.3 Hongqiao Road, Xuhui District, Shanghai, Code:200030, China  
TEL : +86-21-6167-5776 FAX : +86-21-6040-7258

**1 Zeon Trading (Shanghai) Co., Ltd.**

Room 4106-07, 2 Grand Gateway No.3 Hongqiao Road, Xuhui District, Shanghai, Code:200230, China  
TEL : +86-21-6040-7255 FAX : +86-21-6040-7258

**1 Shanghai Zeon Co., Ltd.**

No.380 Shennan Road, Xinzhuang Industrial Zone, Minhang District, Shanghai, 201108, China  
TEL : +86-21-64896160 FAX : +86-21-64420569

**1 Takehara Zeon (Shanghai) Co., Ltd.**

No. 380 Shennan Road, Xinzhuang Industrial Zone, Minhang District, Shanghai 201108, China

**1 Tokyo Zairyo (Shanghai) Co., Ltd.**

Room 4108, Grand Gateway 66 Tower 2, 3 Hongqiao Road, Xuhui District, Shanghai 200030, China  
TE : +86-21-6119-9400 FAX : +86-21-6119-9401

**2 Zeon Polymix (Guangzhou) Co., Ltd.**

NO.1, 1st Jingquan Road, Yonghe Economic Zone, Guangzhou, 511356, China  
TEL : +86-20-3222-1171 FAX : +86-20-3222-1820

**2 Zeon Medical (Guangzhou) Inc.**

Room 1706A, Goldlion Digital Network Center, No. 138 Ti Yu Dong Road, Tianhe District, Guangzhou, Guangdong 510620, China  
TEL : +86-20-2283-6788 FAX : +86-20-2283-6789

**2 Tokyo Zairyo (Guangzhou) Co., Ltd.**

Room 1208, Goldlion Digital Network Center, No. 138 Ti Yu Dong Road, Tianhe District, Guangzhou, Guangdong, 510620, China  
TEL : +86-20-3878-0671 FAX : +86-20-3878-1336

**3 Zeon Trading (Shanghai) Co., Ltd. Shenzhen Branch**

Room 766, Tower A, SCC Financial Center, No. 88, 1st Haide Avenue, Nanshan District, Shenzhen 518064, China  
TEL : +86-755-8435-6064

**4 Zeon Kasei (Changshu) Co., Ltd.**

Xinhang Science and Technology Industrial Park, Building 9 Huangpujiang Road 208, Dongnanjingjikaifa District, Changshu City, Jiangsu Province, China  
TEL : +86-512-5235-7000 FAX : +86-512-5235-7308

**5 Tokyo Zairyo (Tianjin) Co., Ltd.**

Room 1805, The Exchange Tower 1, 189 Nanjing Road, Heping District, Tianjin, 300051, China  
TEL : +86-22-23021268 FAX : +86-22-23021278

**6 Zeon CSC Corporation**

3F-2, No.266, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 24448, Taiwan  
TEL : +886-2-2609-2156 FAX : +886-2-2600-6413

**7 Zeon Taiwan Co., Ltd.**

4F., No.36, Nanjing W. Rd., Datong Dist., Taipei City 103, Taiwan  
TEL : +886-2-2552-3620

**8 Zeon Korea Co., Ltd.**

No.403, 4Fl., 36, Teheran-ro 87-gil, Gangnam-gu, Seoul, 06164, Korea(City Air Tower, Samseong-dong)  
TEL : +82-2-539-8565 FAX : +82-2-539-5190

**8 Zeon Shinhwa Inc.**

No.502 CALT B/D (City Airport)22, Teheran-ro 87-gil, Gangnam-gu, Seoul, 06164, Korea  
TEL : +82-2-761-7030 FAX : +82-2-786-7221

**9 Zeon Chemicals Singapore Pte. Ltd.**

100 Banyan Drive, Jurong Island, Singapore 627571  
TEL : +65-6933-4400 FAX : +65-6933-4413

**10 Zeon Asia Pte. Ltd.**

331 North Bridge Road, #20-01/02, Odeon Towers, Singapore 188720  
TEL : +65-6332-2338 FAX : +65-6332-2339

**10 Asia Technical Support Laboratory**

61 Science Park Road, #05-09/10 The Galen, Singapore Science Park 2, Singapore 117525  
TEL : +65-6266-7631 FAX : +65-6266-7712

**10 Tokyo Zairyo (Singapore) Pte. Ltd.**

331 North Bridge Road, #20-01/02, Odeon Towers, Singapore 188720  
TEL : +65-6337-5053 FAX : +65-6337-4557

**11 Zeon Asia Malaysia Sdn. Bhd.**

Unit 208,Block B,Phileo Damansara 2,No15,Jalan16/11, Off Jalan Damansara, 46350 Petaling Jaya Selangor Malaysia.  
TEL : +603-7956-7069 FAX : +603-7957-1758

**12 Zeon India Private Limited**

Time Tower, Unit No. 708, 7th Floor, Sector 28, M.G Road, Gurgaon, Haryana, India 122002  
TEL : +91-124-4229461 FAX : +91-124-4229462

**12 Tokyo Zairyo (India) Pvt. Ltd.**

Time Tower, Unit No.708, 7th floor, Sector-28, M.G Road, Gurgaon-122002, Haryana, India  
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**13 Zeon Chemicals (Thailand) Co., Ltd.**

3 Soi G-14, Pakorn-Songkhorad Road, Tambol Huaypong, Amphur Muangrayong, Rayong 21150, Thailand  
TEL : +66-38-685-973-5 FAX : +66-38-685-972

**13 e-Coatings Asia Co., Ltd.**

Pakornsongkrohrad Road, WHA Eastern Industrial Estate Maptaput, Maptaput, Mueng Rayong, Rayong 21150 Thailand  
TEL : +66-033-017324

**13 Zeon Chemicals Asia Co., Ltd.**

16 Phangmuang Chapoh 3-1 Road, Huaypong Sub-district, Muang Rayong District, Rayong 21150, Thailand  
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**14 Zeon Advanced Polymix Co., Ltd.**

111/2 Soi Nikom 13, Moo 2 T.Makhamkhoo, Nikompattana District Rayong 21180, Thailand  
TEL : +66-88-203-0380 FAX : +66-38-893-569

**Sales Office**

591 UBCII BLDG, Office No.2206, 22thFL, Sukhumvit 33rd, Klongton Nua, Wattana, Bangkok 10110 Thailand  
TEL : +66-2-261-0175 FAX : +66-2-261-0172

**14 Tokyo Zairyo (Thailand) Co.,Ltd.**

29th Floor Room 2903, Empire Tower 1 South Sathorn Rd., Yannawa, Sathorn, Bangkok, 10120, Thailand  
TEL : +66-2-670-0285 FAX : +66-2-670-0283

**15 Zeon Manufacturing Vietnam Co., Ltd.**

No.109, Road No.10, VSIP Haiphong Township, Tan Duong ward, Thuy Nguyen District, Haiphong City, Vietnam  
TEL : +84-225-3797-027 FAX : +84-225-3797-028

**16 Zeon Research Vietnam Co., Ltd.**

9th floor, 14 Lang Ha Building, 14 Lang Ha street, Thanh Cong ward, Ba Dinh district, Hanoi, Vietnam 11513  
TEL : +84-4-3632-0557 FAX : +84-4-3632-0557

**16 Tokyo Zairyo (Vietnam) LLC.**

4F, 85NguyenDu Street, Nguyen Du Ward, Hai Ba Trung Dist., Hanoi City, Vietnam  
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**17 Branch of Tokyo Zairyo (Vietnam) LLC in HCMC**

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**18 PT. Tokyo Zairyo Indonesia**

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Zeon's global network continues to expand across many different borders.



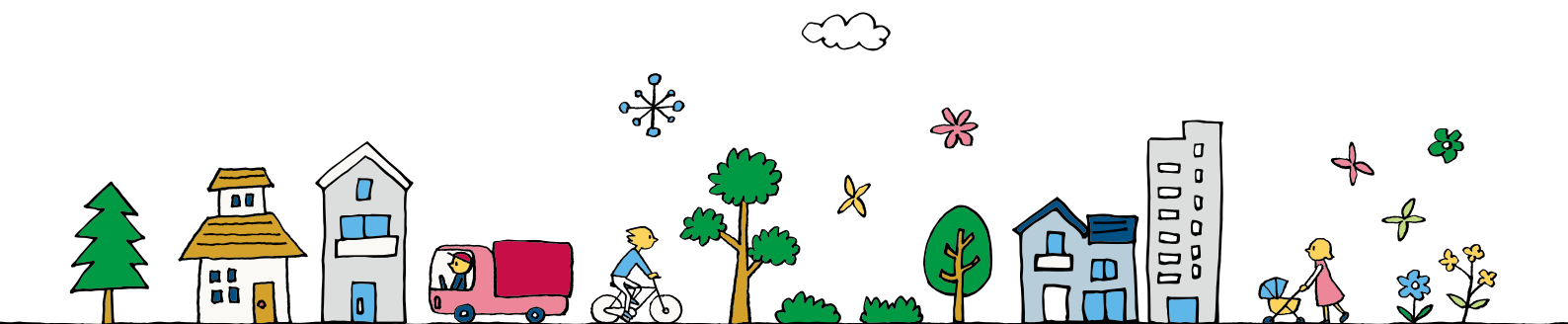
### The Americas

- 1 Zeon Chemicals L.P.**  
4111 Bells Lane, Louisville, Kentucky 40211, U.S.A.  
TEL : +1-800-735-3388 FAX : +1-502-775-2055  
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- 2 R&D Center**  
4111 Bells Lane, Louisville, Kentucky 40211, U.S.A.  
TEL : +1-502-775-2000 FAX : +1-502-775-7784
- 3 Kentucky Plant**  
4100 Bells Lane, Louisville, Kentucky 40211, U.S.A.  
TEL : +1-502-775-7600 FAX : +1-502-775-7614
- 4 Mississippi Plant**  
1301 West Seventh Street, Hattiesburg, Mississippi 39401, U.S.A.  
TEL : +1-601-583-6020 FAX : +1-601-583-6032
- 5 Texas Plant**  
11235 Choate Road, Pasadena, Texas 77507, U.S.A.  
TEL : +1-281-474-9693 FAX : +1-281-474-0966
- 6 Zeon Specialty Materials Inc.**  
25 Metro Drive, Suite 238, San Jose, California 95110, U.S.A.  
TEL : +1-408-641-7889 FAX : +1-408-516-9382
- 7 Zeon Ventures Inc.**  
25 Metro Drive, Suite 238, San Jose, California 95110, U.S.A.
- 8 Aurora Microplates, LLC**  
25 Metro Drive, Suite 238, San Jose, California 95110, U.S.A.  
TEL : +1-877-472-5955 FAX : +1-877-472-5956
- 9 Edge Precision Manufacturing, Inc.**  
12 Dunham Rd Billerica, Suite 4, Massachusetts 01821, U.S.A.  
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- 10 Tokyo Zairyo (U.S.A.) Inc.**  
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- 11 New York Office**  
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- 13 Zeon do Brasil Ltda**  
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- 14 Zeon Kasei Mexico S.A. de C.V.**  
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- 15 Tokyo Zairyo México, S.A. de C.V.**  
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- 17 Zeon Europe GmbH - Branch in France**  
c/o Sofradec 153, Boulevard Hausmann 75008 Paris, France  
TEL : +49-211-5267-145
- 18 Zeon Europe GmbH - Branch in Spain**  
Sucursal en España Beethoven, 15-4F 08021 Barcelona, Spain  
TEL : +34-93-183-87-08 FAX : +34-93-183-87-58
- 19 Zeon Europe GmbH - Branch in Italy**  
Sede Secondaria in Italia. Piazza Quattro Novembre, 7, 20124 Milano, Italy  
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- 20 Zeon Europe GmbH-Branch in U.K.**  
Scott Court, Unit 2A, Ocean Way, Cardiff, CF24 5HF, United Kingdom  
TEL : +44-1446-725000
- 21 Telene S.A.S.**  
2, rue Marie Curie - 59910 Bondues, France  
TEL : +33-3-20-69-57-10 FAX : +33-3-20-69-57-11
- 22 Tokyo Zairyo Czech, s.r.o.**  
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TEL : +420-221-228-406 FAX : +420-221-228-405





Photographs and illustrations in this corporate profile are intended to show examples of applications and not examples of actual use.

# ZEON CORPORATION

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September 2024  
0924007(MK-MB)  
105.0124-179-3410