

Zeon Polymix Inc.

Company Profile

Business Description

Rubber compound manufacturing

Established in 1967, Zeon Polymix manufactures rubber compounds as part of Zeon Corporation's synthetic rubber business development. Special-purpose rubber compounds need to have heat-, oil-, and wear-resistant properties. With their strong customer reputation for reliability, our compounds are used in automotive rubber parts and other high-performance materials.

Our supply system with affiliated companies in Thailand and China ensures the highest-quality rubber compounds for manufacturers supplying rubber parts to automakers and electrical and electronics product manufacturers in global markets.

No. of Employees

As of March 31, 2020: 111 (88 men, 23 women)

Hiring in FY 2019: 2 (1 man, 1 woman)



Zeon Polymix Inc.

Product image



Air duct hoses for cars made with rubber compounds

Company Policy (Executive Message)

With the motto "Aiming to be a high-quality corporation," our goal is to be number-one in product and company quality in the carbon masterbatch industry.

The President's Annual Policy for FY 2020 identifies three priority issues for employees to tackle as a team.

1. Establish a production system that can reduce process abnormalities and environmental impact by enhancing equipment maintenance and improving production equipment.
2. Establish a production system that can reduce costs and environmental impact by raising work efficiency and improving productivity.
3. Develop Zeon Polymix's own carbon masterbatch technologies, cultivate human talent capable of operating effectively both in Japan and overseas, and strengthen support for other Zeon Group companies.



Safety Initiatives

Policy

Have zero accidents and disasters and improve working conditions

Specific Initiatives

1. Eliminate near-miss accidents

We are establishing working conditions that prevent accidents and disasters by having all employees participate in activities to eliminate near-miss accidents in order to facilitate higher employee awareness of hazardous areas and operations and make related safety improvements.

2. Workplace patrols with specific goals

We conduct workplace patrols focused on preventing certain types of serious accidents, such as falls, collisions, and getting caught in equipment, to identify and make improvements to risks that often get overlooked.

3. Other activities

- Strengthening and promotion of heatstroke prevention measures
- Systematic hands-on experiential safety trainings
- Risk assessment activities
- Implementation of foolproof measures in work operations

Environmental Impact Reductions

Policy

Reduce our environmental impact and promote energy saving

Specific Initiatives

1. Maintain zero industrial waste emissions (100%)

- Reduce loss in plant processes
- Recycle and reuse waste materials, and effectively use them for other purposes
- Launch a production system that does not use DEHP, a substance subject to PRTR Act in 2019

2. Reduce CO₂ emissions

- Install energy-efficient equipment and LED lights
- Build a system to analyze demand and reduce power consumption

3. Environmental data

* "0" indicates less than 0.5 tons, and "0.0" indicates less than 0.05 tons

Otsu Plant, Zeon Polymix		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Substances subject to the PRTR Act	No. of substances	4	6	7	6	4
	Consumption (tons)	125	115	106	72	14
	Emissions (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated before compacting (tons)	184	197	182	213	167
	Amount sent to landfills (tons)	0.0	0.0	0.0	0.0	0.81
Water resource consumption (1,000 m ³) (industrial water + groundwater + waterworks)		48	28	32	36	34
CO ₂ emissions (tons)		3,159	3,346	3,181	3,882	2,867
Energy Consumption (crude oil equivalent, kL)		1,495	1,603	1,635	1,681	1,440
Electricity consumption (1,000 kWh)		5,877	6,326	6,450	6,646	5,745

Relationship with Employees

Policy

We seek to augment the capabilities of operational personnel to ensure stable and safe production, as well as developing world-class leaders and collaborating with Zeon Group companies as a key Zeon Group rubber compounds production company.

Specific Initiatives

- Reinforcing our support team to eliminating equipment failures and process abnormalities, and to achieve stable and safe production

- Systematic employee trainings such as Safety Staff training to improve workplace capabilities
- Support for affiliated global companies, including the dispatching of engineers to assist affiliates global companies, and support for the adoption of new mixing technologies and new equipment. These support activities also contribute to the cultivation of Zeon Polymix engineers.

Relationship with the Local Community

We contribute to regional environmental conservation and community development to give back to our community.

Specific Initiatives

1. Providing free, warm Tonjiru soup for participants in the Otsu City Ekiden Running Competition

Every year, Zeon Polymix assists with the holding of the Otsu City Ekiden (Long-distance Relay Race) Running Competition, which is organized by Otsu City Government. Zeon Polymix staff provide race participants with free Tonjiru (miso soup with pork and vegetables) and hot tea at the halfway point, with the aim of fostering friendly exchange with local residents.

In FY 2019, a total of 8 Zeon Polymix staff took part in the Competition held on February 2, 2020 as competitors, 59 personnel assisted with the setting up of the Competition facilities and attended to offer support for the competitors, giving a combined total of 67 people participating.



The Otsu City Ekiden Running Competition

2. Participation in the FY 2019 Lake Biwa Citizen Clean-up Activity

Every year, Zeon Polymix participates in the Lake Biwa Citizen Clean-up Activity organized by Otsu City Government.

In FY 2019, a garbage clean-up activity was held on June 17, 2019 on the banks of the Daido-gawa River, which runs in front of the Zeon Polymix premises.



Lake Biwa Citizen

3. Participation in the FY 2019 Invasive Fish Eradication Project of the Lake Biwa Restoration Association

Every year, Zeon Polymix participates in the Invasive Fish Eradication Project organized by the Lake Biwa Restoration Association, and participated for the sixth time in FY 2019. A total of 33 employees and family members participated in the FY 2019 event, which was held on October 6.



Invasive fish eradication