

# 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, 2019: 114 (91 men, 23 women)

Hiring in FY 2018: 3 (3 men, 0 women)



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 2019 identifies three priority issues for employees to tackle as a team.

1. Achieve stable and safe production without process abnormalities by enhancing equipment maintenance and improving production technologies.
2. Make ongoing adjustments and improvements to carbon master technology, and establish a new production system that realizes unit cost reductions and reduced environmental impact.
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.



Representative Director  
Noriaki Saya

## 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
- Fail-safe measures for 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

#### 2. Reduce CO<sub>2</sub> 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 2014	FY 2015	FY 2016	FY 2017	FY 2018
Substances subject to the PRTR Act	No. of substances	5	4	6	7	6
	Consumption (tons)	113	125	115	106	72
	Emissions (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated before compacting (tons)	160	184	197	182	213
	Amount sent to landfills (tons)	0.0	0.0	0.0	0.0	0.0
Water resource consumption (1,000 m <sup>3</sup> ) (industrial water + groundwater + waterworks)		48	48	28	32	36
CO <sub>2</sub> emissions (tons)		2,860	3,159	3,346	3,181	3,882
Energy consumption (crude oil equivalent, kL)		1,388	1,495	1,603	1,635	1,681
Electricity consumption (1,000 kWh)		5,321	5,877	6,326	6,450	6,646

## 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 enhancing the provision of support for Zeon Group companies as a key Zeon Group rubber compounds plant.

### 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 led by the Overseas Support Office, 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) at the halfway point, with the aim of fostering friendly exchange with local residents.

In FY 2018, a total of 8 Zeon Polymix staff took part in the Competition held on February 3, 2019 as competitors, 18 personnel assisted with the setting up of the Competition facilities, and 34 attended to offer support for the competitors, giving a combined total of 60 people participating.

#### 2. Participation in the FY 2018 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 2018, a garbage clean-up activity was held on June 19, 2018 on the banks of the Daido-gawa River, which runs in front of the Zeon Polymix premises; around 34 Zeon Polymix employees took part.



The Otsu City Ekiden Running Competition



Lake Biwa Citizen Clean-up Activity