

Three Domains Supporting Value Creation

Performance Products Domain

Performance Products Domain ▶ Page 87

Polymers & Compounds

Develops greater added value for various materials and delivers high-performance materials to the world



Coating material
ACRYKING

FY2021

Sales revenue **¥308.1 billion**
Core operating income **¥18.5 billion**

- Performance polymers
- Polycarbonate
- Coating materials, etc.

Films & Molding Materials

Utilizes a range of molding technologies to provide products designed for different applications



Food packaging film
DIAMIRON

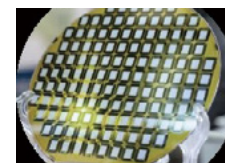
FY2021

Sales revenue **¥479.9 billion**
Core operating income **¥43.9 billion**

- Packaging (food packaging) and industrial films
- Polyester films
- High-performance engineering plastics
- Carbon fiber and composite materials, etc.

Advanced Solutions

Offers new solutions to society's search for value, through advanced products and technologies, business models, and ideas



Semiconductor-related materials

FY2021

Sales revenue **¥348.3 billion**
Core operating income **¥16.3 billion**

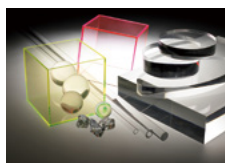
- Aqua solutions
- Life solutions
- Semiconductors & electronics
- Battery materials, etc.

Industrial Materials Domain

Industrial Materials Domain ▶ Page 90

MMA

Manufactures MMA using all three of the main manufacturing methods and delivers global supplies of MMA and MMA derivative acrylic resin



PMMA acrylic resin block

FY2021

Sales revenue **¥298.1 billion**
Core operating income **¥31.8 billion**

- MMA
- PMMA

Carbon Products

Uses superior coking coal formulation and QC technologies to deliver stable supplies in Japan and overseas



Coke

FY2021

Sales revenue **¥267.6 billion**
Core operating income **¥25.8 billion**

- Coke
- Carbon materials
- Carbon black
- Synthetic rubbers

Industrial Gases

Commands a top share of the domestic market and has built a global supply system with sites in Japan, the United States, Europe, and Asia



Industrial Gases business

FY2021

Sales revenue **¥950.1 billion**
Core operating income **¥98.9 billion**

- Industrial gases
- Related equipment and facilities

Petrochemicals

Operates ethylene plants in Japan and delivers stable supplies of petrochemical materials as well as high-performance polyolefins



Ethylene plant

FY2021

Sales revenue **¥722.2 billion**
Core operating income **¥44.6 billion**

- Basic petrochemicals and basic chemical derivatives
- Polyolefins

Health Care Domain

Health Care Domain ▶ Page 92

FY2021

Sales revenue **¥403.6 billion**
Core operating loss **¥-7.0 billion**

Pharma

Develops precision medicine and around the pill solutions in fields where there are unmet medical needs

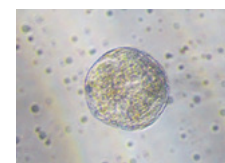


Biopharmaceuticals

- Central nervous system
- Immuno-inflammation
- Vaccines
- Diabetes and kidney

Regenerative medicine

We utilize the properties of Muse cells and aim for approvals for indications with high unmet medical needs.



Muse cell-derived cluster

- Research and development of Muse cell-based products