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Editorial policy

This report was created to communicate to stakeholders our efforts to improve corporate value in an easy-to-understand way. It discusses management policy and business strategies to help achieve sustainable growth, as well as non-financial information, including our measures to address societal issues. Information is also posted on our website.

Degrees of achievement indicated in PDCA tables

★★★★ : Target achieved
★★★ : Progress slower than originally envisaged and target not achieved (target achievement rate of 80% or higher)
★ : Target not achieved (target achievement rate of less than 80%)

Organizations covered by report

Articles in this report cover the Toagosei Group (Toagosei Co., Ltd. and its consolidated subsidiaries). Note, however, that scope of aggregation may differ depending on reporting data. In such cases, specific reporting scopes are indicated.

Reference guidelines

- "International Integrated Reporting Framework," IFRS Foundation
- "Collaborative Value Creation Guidelines 2.0," Ministry of Economy, Trade and Industry (METI)
- "Sustainability Reporting Standards," Global Reporting Initiative (GRI)
- TCFD Recommendations

Date of issue of the Japanese version

June 2025 Next: June 2026 (Plan)

Period covered

January 1, 2024 to December 31, 2024

*Some articles include information on activities conducted from January 2025 onward.

For any questions or comments about this report, please contact the following:

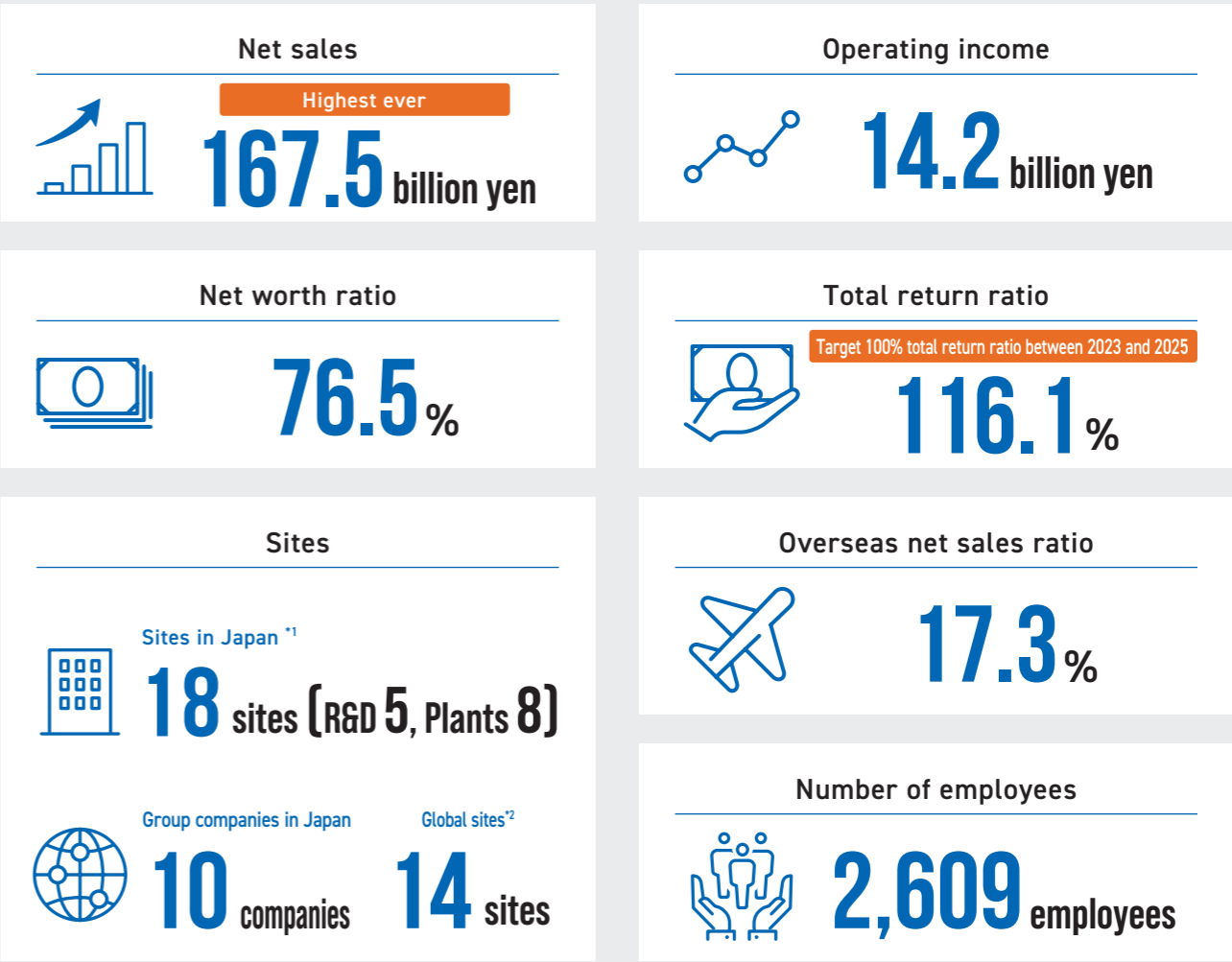
Toagosei Co., Ltd.
Corporate Communication Department
1-14-1 Nishi-Shimbashi, Minato-ku, Tokyo, 105-8419 Japan
TEL: 03 (3597) 7215/FAX: 03 (3597) 7217

Toagosei Corporate Website
<https://www.toagosei.co.jp/english/>

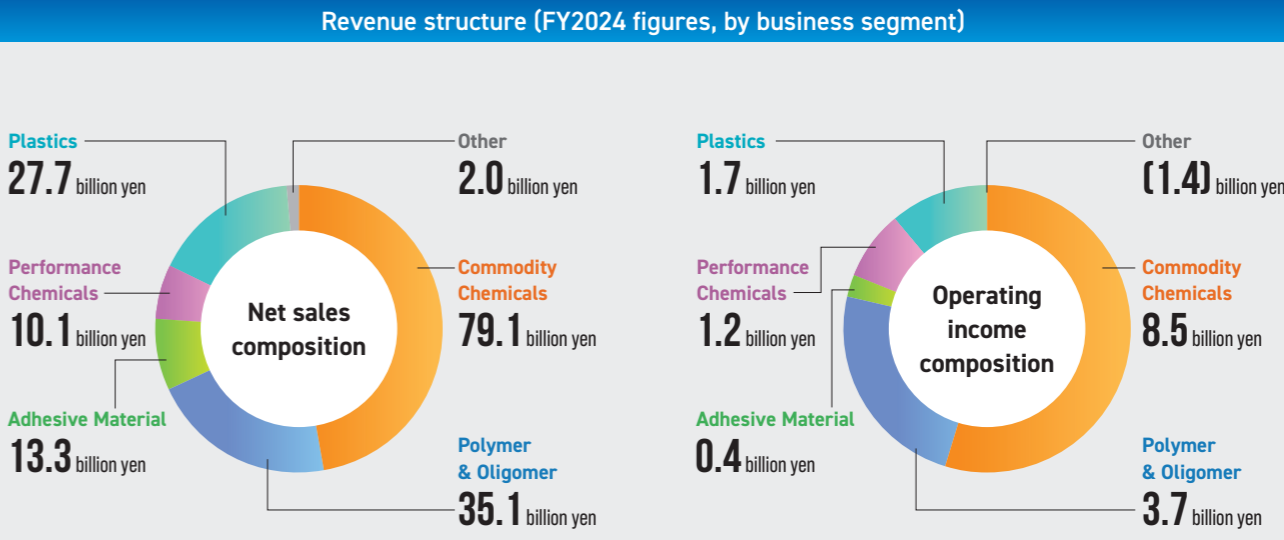


At a Glance

Since its establishment in 1944, Toagosei has inherited originality and created a broad range of products that have contributed to people's lifestyles, industry and society.
It will continue developing its businesses by leveraging the potential of chemistry with the aim of creating a healthy and affluent society.



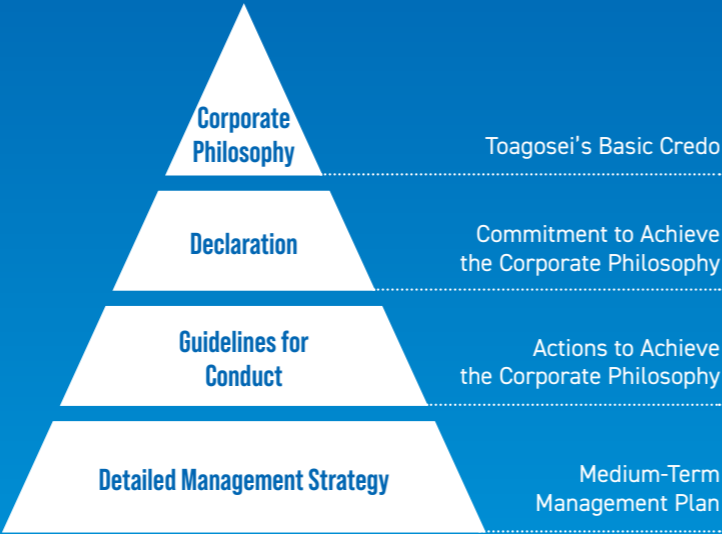
*1 The number of sites in Japan is the number of non-consolidated sites.
*2 The number of global sites is the number of sites of the Group, and includes Toagosei Chemical India Private Limited (established in March 2025).
All other figures except *2 are for the fiscal year ended December 31, 2024.



Toagosei Group's Corporate Philosophy System

Corporate Philosophy

Through the endless possibilities of chemistry, we bring happiness created by highly functional materials.



Declaration

New possibilities for society and future happiness for everyone – these are the things that we will deliver through our highly functional materials.

We will continue to challenge ourselves. Utilizing the technologies we have acquired thus far, we will strive to enter new fields to provide the sort of value that only we can offer.

We will never stop moving. We will recognize the various changes in the world around us and be a societal leader through the power of chemistry, conducting ourselves as a company that co-exists with the people of society.

Guidelines for Conduct

- Vision** | Have a vision for the future while creating superior key materials.
- Challenges** | Push new boundaries with a strong will and imaginative ideas.
- Cooperation** | Create new businesses together with our customers and partners.

Code of Conduct

- 1. Mission**

We will develop and provide socially useful and safe products and services that contribute to the creation of a comfortable living environment and to the development of a sustainable society.
- 2. Respect for Human Rights**

We respect the human rights of all people.
- 3. Compliance with Norms**

We will comply with domestic and foreign laws and regulations including their spirit, and with internal rules as we act in accordance with high ethical standards, common sense and responsibility. We will maintain sound relationships with politics and government, follow proper business practices in our relationships with business partners, and engage in fair and free competition.
- 4. Communication**

We will disclose information that is necessary for society in a timely and easy-to-understand manner, and strive to maintain and develop relationships of trust through constructive dialogue with all stakeholders.
- 5. Coexistence with the International Community**

As a member of the international community, we will comply with the laws and regulations of each country in which we operate, respect cultures and customs, and contribute to the sustainable development of local communities.
- 6. Confrontation with Antisocial Forces**

We will resolutely confront any antisocial forces or groups that threaten the order and safety of civil society.
- 7. Social Contribution**

We will take a global perspective and, as a good corporate citizen, actively promote contributions that are closely tied to the countries and communities in which we are located.
- 8. Harmony with the Environment**

We will voluntarily and proactively address environmental issues for the sustainable development of society as a whole.
- 9. Work Environment**

We respect the diversity, personality and individuality of our employees, and achieve work styles that enable them to maximize their abilities. In addition, we will strive to create a safe and comfortable work environment that affords comfort and prosperity for our employees.
- 10. Crisis Management**

We furnish an organized crisis management system to prepare for crises that may be anticipated in the course of our corporate activities. In the event of a crisis, we will act in accordance with internal regulations and strive to minimize damage.
- 11. Actualization of this Charter**

Recognizing that it is their role to actualize this Charter, members of management shall prepare an effective governance system and ensure that corporate ethics are thoroughly implemented throughout the Group. In the event that a violation of this Charter occurs, we will endeavor to resolve the situation, determine the cause, and prevent recurrence in a manner that is fully understood by society.



Corporate Slogan

We have expressed our belief that chemistry is becoming increasingly indispensable in various fields, and that the power of chemistry can contribute to the sustainable development of the earth and the happiness of humankind.

Slogan Logo

The corporate slogan of "Unending planet, united through chemistry" is expressed with symbols that indicate infinity (with the planet on the left, and chemical structure formula on the right). The corporate colors of blue and green have been used to create a bright and refreshing feel.

About our corporate logo

Our corporate logo combines the letters "T" for TOA and "G" for GOSEI. The emphasis placed on "T" articulates the words "TRUST" and "TECHNOLOGY." The corporate logo symbolizes our commitment to rich creativity based upon trust and technology. The "T" element expresses "power," the "G" loop expresses "emotion" and the three circles new possibilities generated from this combination.



Toagosei Group's Profile

Since its establishment on July 17, 1944, Toagosei has achieved continued growth in line with the development of the chemical industry in Japan. The Toagosei Group is expanding its technology and product fields by displaying unique strengths in five business fields: Commodity Chemicals, Polymer & Oligomer, Adhesive Material, Performance Chemicals, and Plastics.

Company Profile

Establishment

Head Office

Chairman, CEO and Representative Director

President, COO and Representative Director

Capital

Number of employees

Fiscal Year End

Stock Listing

Securities code

July 17, 1944

1-14-1 Nishi-Shimbashi, Minato-ku, Tokyo, 105-8419 Japan

Mikishi Takamura

Hidenori Kobuchi

20,886 million yen

2,609 on a consolidated basis (as of December 31, 2024)

December 31

Tokyo Stock Exchange Prime Market

4045

Main business lines

Commodity Chemicals

Polymer & Oligomer

Adhesive Material

Performance Chemicals

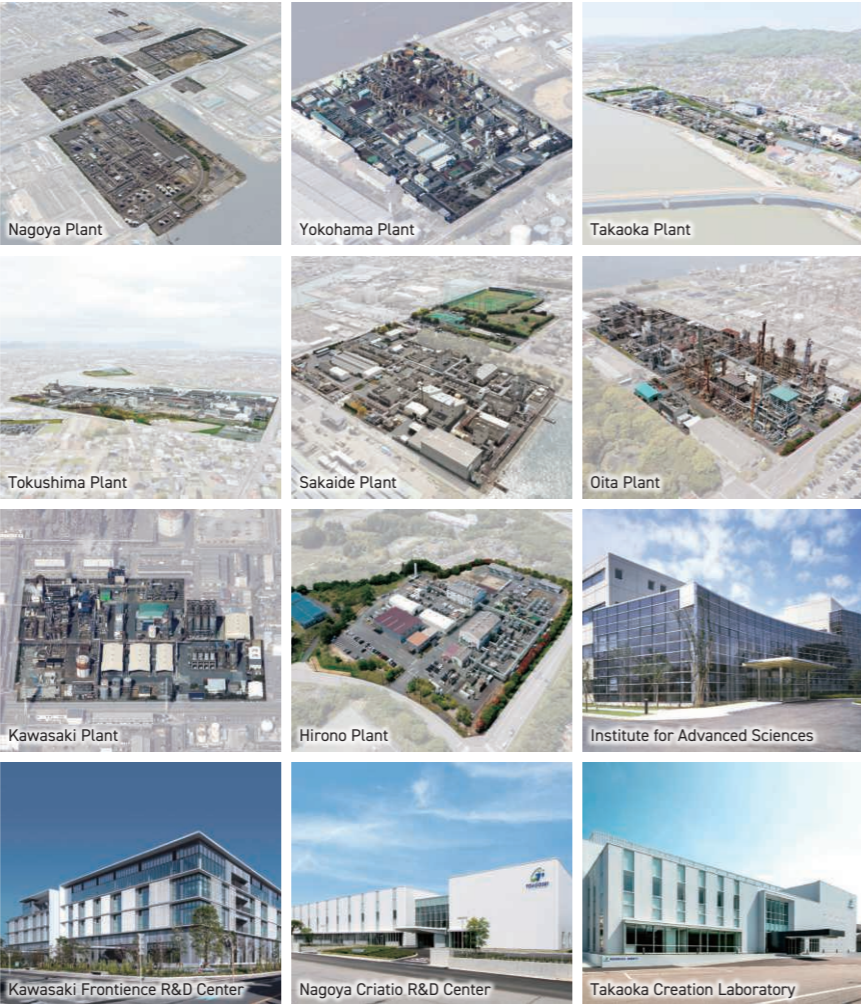
Plastics

Other

JAPAN

Toagosei Co., Ltd.

Head Office, Osaka Branch, Nagoya Branch, Shikoku Sales Office, Fukuoka Sales Office, Nagoya Plant, Yokohama Plant, Takaoka Plant, Tokushima Plant, Sakaide Plant, Oita Plant, Kawasaki Plant, Hirono Plant, Institute for Advanced Sciences, Kawasaki Frontience R&D Center, Nagoya Criatio R&D Center, Takaoka Creation Laboratory, Tokyo Technology Laboratory



ASIA

- Singapore

Toagosei Singapore Pte Ltd.
- Thailand

Toagosei (Thailand) Co., Ltd.

Aronkasei (Thailand) Co., Ltd.
- Taiwan

Taiwan Toagosei Co., Ltd.

Toa-Jet Chemical Co., Ltd.
- India

Toagosei Chemical India Private Limited

*Established in March 2025
- China

Toagosei Hong Kong Limited

Toagosei (Zhuhai) Limited

Toagosei (Zhangjiagang) New Technology Co., Ltd.

Toagosei (Shanghai) Management Co., Ltd.
- South Korea

Toagosei Korea Co., Ltd.
- Vietnam

Toagosei Vietnam Co., Ltd.

Principal Affiliated Companies

- Toa Techno-Gas Co., Ltd.

MT Ethylene Carbonate Co., Ltd.

MT AquaPolymer, Inc.

Aron Packaging Co., Ltd.

Aronkasei Co., Ltd.
- Toa Kenso Co., Ltd.

TG Corporation

Toa Business Associe Co., Ltd.

Toa Kogyo Co., Ltd.

Toa Logistics Co., Ltd.

AMERICA

- USA

Toagosei America Inc.

Elmer's & Toagosei Co.
- Toagosei America Inc.



Toagosei Group's Products Serve Society

The Toagosei Group's products can be found throughout everyday life. These products help not only to make our lives more comfortable but also to protect the environment.

Businesses with core roles in the growth strategy

Polymer & Oligomer

P44



Polymers

Acrylic polymers

We offer a wide range of acrylic polymers, such as dispersants and thickeners, for various uses such as pharmaceuticals, cosmetics and toiletries.



ARONFLOC polymer flocculant

This chemical agent is widely used in wastewater treatment not only at sewage treatment plants but also for treating wastewater from paper manufacturing and food processing plants.



Oligomer

ARONIX UV-curing resin

The ARONIX series is used in many fields, ranging from paints and inks to adhesives and electronic materials. These environmentally friendly resins are free of organic solvent.



Adhesive Material

P46



Aron Alpha instant glues (U.S. brand name: Krazy Glue)

Aron Alpha and Krazy Glue are the top brands in instant glues. Our wide range of organic solvent-free, environmentally friendly adhesives satisfies diverse consumer needs.



Functional adhesives

We offer a wide range of functional adhesives for industrial applications including reactive, light-curable, and hot-melt types, as well as inorganic adhesives. These adhesives are widely used, especially in automotive components and electronic components.



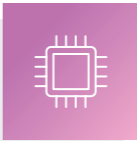
UV-curing adhesives

These adhesives are used in many fields such as optical lenses, medical devices, and electronic circuits. We have also developed a new product that allows curing and bonding in areas that cannot be reached by light.



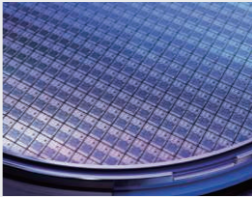
Performance Chemicals

P48



High-purity inorganic chemicals

Chemicals that are essential in the cutting-edge semiconductor field, such as Liquefied hydrogen chloride used for forming epitaxial layers in silicon wafers and manufacturing semiconductors.



KESMON inorganic deodorant

KESMON is used in various situations, such as for toiletries, clothing and the interior of cars. Odors are adsorbed through a chemical reaction, stopping unpleasant odors from being re-emitted.



"Aron cure" hemostatic agent

Aron cure is a dental hemostatic agent for tooth extraction sockets. It makes compression and removal procedures unnecessary and enables faster hemostasis than conventional gauze methods, helping to alleviate the burden on the medical front line.



Plastics

P50



Anju-brand nursing care products

We are addressing the growing demand associated with the aging population, developing products that match the needs of the nursing care field and everyday life so that seniors can live a full and comfortable life.



"OneAid" pet support products

Products developed for supporting the lives of elderly pets with bodily functions that have deteriorated with age, which help to alleviate the burden on those involved in pet care.



Elastomer

Used as sealing material for automotive and other applications, thanks to their rubber-like elasticity and ease of molding similar to that of general-purpose plastics.



Commodity Business

Commodity Chemicals

P42

Caustic soda

Caustic soda is a fundamental raw material in industry used in a wide range of products such as synthetic fibers, paper, pulp and chemicals.



Sodium hypochlorite

Used for sterilization of water, sewage, and swimming pools, our products suppress impurities such as chloric acid and bromic acid, helping provide a safe, reliable water supply.



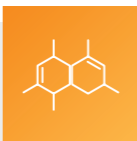
Acrylic monomers

Acrylic acid is a raw material for highly water-absorbent resins, polymer flocculants, etc. Acrylate esters are raw materials for tape adhesives, paints, and various other products.



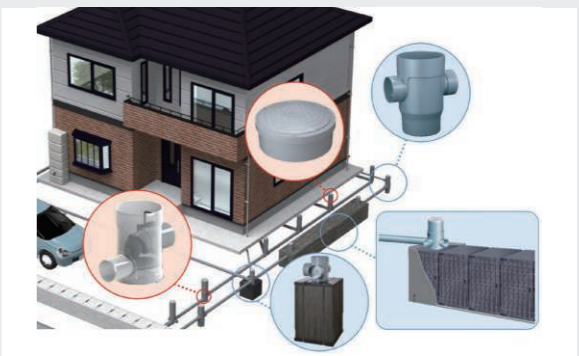
Industrial gases

We handle a wide range of industrial gases including oxygen, nitrogen and argon, meeting the extensive needs of various industries ranging from the steel, chemical and other key industries to cutting-edge industries such as semiconductor manufacturing and medicine.



Infrastructure products and systems

We propose piping systems effective for the drainage of every type of urban structure and contribute to the construction of infrastructure that supports our daily lives.



Toagosei Group's Value Creation Trajectory

The Toagosei Group has been leveraging the power of chemistry to create new value that meets the needs of a rapidly changing society. By providing products that meet the needs of the times, we cultivate solid technical capabilities and trust in our products. With these as our foundation for value creation, we continue to develop new products and technologies that meet the expectations of society and increase our corporate value.



Nagoya Plant (historical photo)



Tokushima Plant (historical photo)



Institute for Advanced Sciences



Kawasaki Frontience R&D Center



Phase 1

Phase 2

Phase 3

Phase 4

Development of basic chemical products

We built our business mainly on basic chemical products at a time when the chemicals industry was dominated by electrolysis products, which comprise an industry staple, and fertilizers for increasing food production.

POINTS to Value Creation

Supply of products that would form the basis of postwar reconstruction
Stable supply of basic chemical products

Mainstay Products
Caustic soda, hydrochloric acid, sodium hypochlorite



Electrolysis plant



Caustic soda shipment (historical photo)

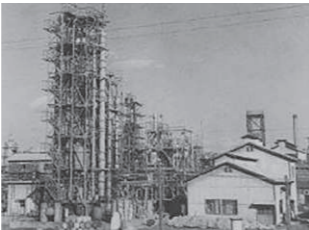
Development of petrochemicals

Besides electrolysis products, Toagosei developed a presence in petrochemicals, including acrylic esters, polyvinyl chloride resin, and chlorinated organic solvents.

POINTS to Value Creation

Supply of raw materials for periods of rapid growth
Commencement of commodity petrochemical product production

Mainstay Products
Methyl and ethyl esters of acrylic acid



Acrylic ester production facilities (historical photo)



Acrylic acid production facilities

Development of functional chemicals

In order to overcome the challenges posed by the oil crises, including lackluster demand for mass-produced products, and to make the business less sensitive to economic fluctuations, Toagosei leveraged its original technology and fostered functional products, positioning them as mainstays of the business.

POINTS to Value Creation

Expansion from commodity products to high-performance products
Expansion overseas, beginning with the U.S.

Mainstay Products
Aron Alpha, acrylic polymer, ARONIX, inorganic antimicrobial agent



ARONIX production facilities



Aron Alpha for household use

Development of product lineups forming a fourth pillar fit for the ESG/SDGs era

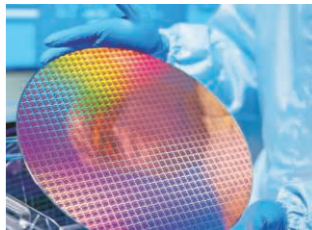
POINTS to Value Creation

Expansion of high-value-added product businesses
Creation of new business units

Mainstay Products
Mobility-related products, semiconductor and electronic material-related products, medical care-related products, cellulose nanofibers



Polymer plant for lithium-ion batteries



Chemical agents for semiconductor manufacturing (for high-quality wafer manufacturing applications, etc.)