

Overview of the Toyo Ink Group

The business activities of the Toyo Ink Group are divided into four segments, the Colorants and Functional Materials Business, the Polymers and Coatings Business, the Packaging Materials Business, and the Printing and Information Business. Group companies work globally within these businesses with the three core operating companies, Toyocolor Co., Ltd., Toyochem Co., Ltd., and Toyo Ink Co., Ltd. playing central roles.

Colorants and Functional Materials Business

The Toyo Ink Group is a leading company of colorants, and the synthetic technologies for organic pigments are one of the areas we have been developing since our foundation. In addition, the nano-level dispersal technology that we have cultivated in the manufacturing of inks and coatings is applied far beyond the purpose of coloring objects. It is also used in flat panel display (FPD) color filters, automotive lithium ion batteries, and other products.

Core operating company Toyocolor Co., Ltd.
Major products Pigments, pigment dispersions, high functional pigments, pastes for color filter, color resist, color masterbatches, functional masterbatches, functional compounds, paints for data recording materials, carbon dispersions, inkjet inks, etc.



Polymers and Coatings Business

We use resins (polymers), one of the core materials developed by the Group, to create an array of products that respond to the needs of the times. A large number of functional products that we have developed, leveraging our synthetic and coating technologies, are applied in fields that are essential for daily life, such as the medical and healthcare field, as well as the fields of automobiles, electronics, and energy including solar cells.

Core operating company Toyochem Co., Ltd.
Major products Pressure sensitive adhesives, laminating adhesives, hot-melt adhesives, adhesive tapes, functional film materials for electronics, marking films, can coatings, resins, hard coating materials, medical products, natural extracts, etc.



Packaging Materials Business

We provide a diverse array of highly functional products for manufacturing processes of packaging materials, which are essential for our lives. In the field of food packaging, where security and safety are required, we are expanding the replacement of inks with water-based and non-solvent ones for the purpose of maintaining the flavor of the contents and improving safety. We are also proactively developing biomass products ahead of others in the industry, with the goal of breaking free from dependence on petrochemicals and establishing a sustainable society.

Core operating company Toyo Ink Co., Ltd.
Major products Gravure inks, flexographic inks, gravure printing systems, gravure and flexographic plate making, etc.



Printing and Information Business

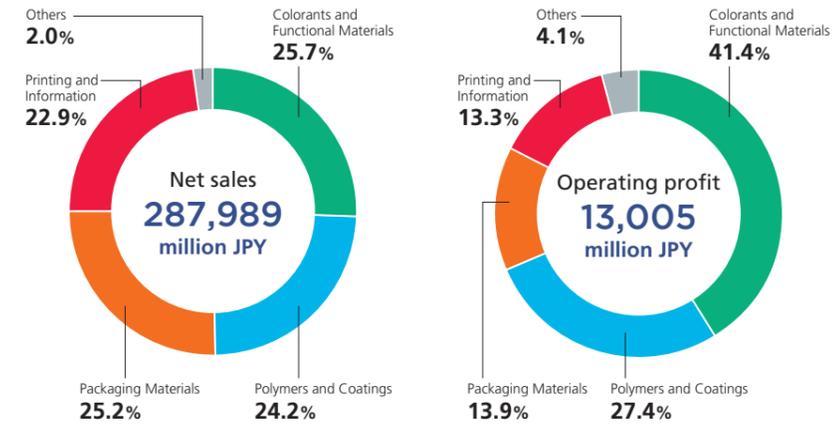
The Toyo Ink Group has been engaged in the printing ink business since its very beginning. It has remained one of our mainstay businesses. Taking advantage of our strengths in integrated production, from raw materials such as pigments and resins down to end-products, we develop a diverse array of products, including sustainability-enhancing products and highly functional UV curing inks. We also provide solutions, including support for the standardization of customers' printing processes and color management.

Core operating company Toyo Ink Co., Ltd.
Major products Offset inks, newspaper inks, metal decorative inks, UV curing inks, offset printing materials, printing inspection equipment, screen inks, etc.



Numerical Information (As of December 31, 2021)

Net sales and operating profit by business segment



Ordinary profit
15,442 million JPY

Profit attributable to owners of parent
9,492 million JPY

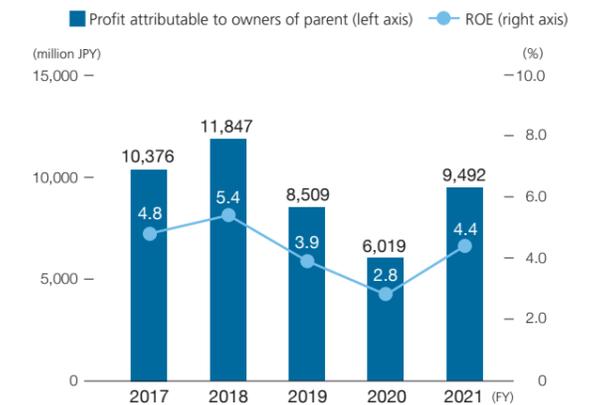
Operating margin
4.5%

ROE
4.4%

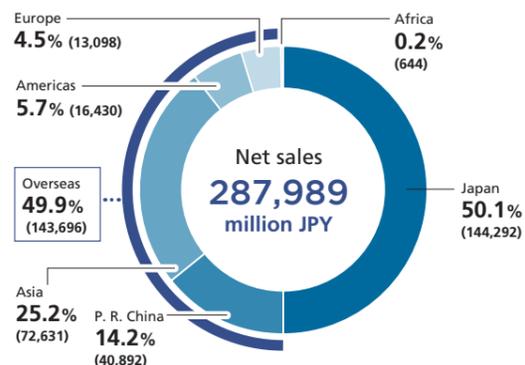
Trends in net sales and operating margin



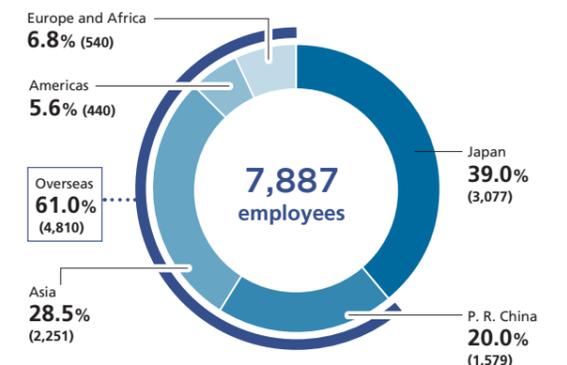
Trends in profit and ROE



Net sales by business area (Unit: million JPY)



Employees by business area (Unit: Number of employees)



Global Expansion

Japan
21 companies / 32 sites
 * including holding company

Overseas
23 country or region / 48 companies / 74 sites