

Business Segments

Colorants and Functional Materials Business Segment

- General purpose pigments
- Functional pigments
- Pigment dispersions
- Masterbatches for plastics
- Coating materials for data recording
- Resist materials for LCD / imaging sensor
- Functional dispersions

Share of sales in fiscal 2019 **23.6%**

Net sales..... **67,400** million JPY

Operating profit **3,386** million JPY

Signature Brands

- **Lioplax™**
Lioplax™ is a master batch for plastics that can provide diverse colors and functionalities to a variety of types of plastics in response to customer needs.
- **LIOACCUM™**
LIOACCUM™ is a material for battery electrodes that enables both the performance improvement and productivity improvement of lithium ion secondary batteries.
- **LIONOL™, LIONOGEN™**
LIONOL™ and LIONOGEN™ are organic pigments used in a variety of applications that require color, including not only printing inks, coatings, and plastic colorants but also cosmetics, toner for color photocopiers, and ink for inkjet printers.
- **LIOCOLOR™**
We provide pigment dispersions with high transparency and clarity and diverse tolerance using our proprietary dispersal technology cultivated in pigment manufacturing.

Polymers and Coatings Business Segment

- Coating materials
- Adhesives
- Laminating adhesives
- Hot-melt adhesives
- Resins
- Can coatings
- Natural Extracts

Share of sales in fiscal 2019 **23.1%**

Net sales..... **65,887** million JPY

Operating profit **6,013** million JPY

Signature Brands

- **Finishes™**
Finishes™ is a can coating applied to the interior and exterior of steel and aluminum cans to protect the contents, including beverages and food, prevent the corrosion of metals, decorate them, and for other purposes.
- **ORIBAIN™**
ORIBAIN™ is a pressure-sensitive adhesive that is widely used in label applications, industry and electronics, including building materials and consumer electronics.
- **DYNACAL™**
DYNACAL™ is a marking film that combines pigment, resin and adhesive as core materials from the Toyo Ink Group.
- **Double-Face™**
Double-Face™ is a double-sided tape that boasts a wide lineup of products that differ in terms of adhesion and base material. It is used in diverse fields, including general industry as well as printing and electronic components, automobiles, and building materials.

Packaging Materials Business Segment

- Gravure inks
- Flexographic inks
- Solvents for gravure printing
- Gravure printing systems and prepress

Share of sales in fiscal 2019 **23.9%**

Net sales..... **68,071** million JPY

Operating profit **3,058** million JPY

Signature Brands

- **LIOALPHA™**
LIOALPHA™ is a toluene-free, MEK-free high performance and versatile laminating ink that is used widely, primarily for the packaging of food and daily necessities. It is made from raw materials that comply with European regulations (Swiss Ordinance).
- **AQUAECOL™**
AQUAECOL™ is a water-based gravure ink that can be widely used from non-boiling applications through to boiling and retort applications.
- **AQUA LIONA™**
AQUA LIONA™ is a water-based flexographic laminating ink, which permits extensive applications from non-boiling applications to boiling and retort applications.
- **LP BIO**
LP BIO is a toluene-free, MEK-free, biomass laminating ink made from plant-derived raw materials. It is made from raw materials that comply with European regulations (Swiss Ordinance).
- **REAL™ NEX BO, PANNECO™**
REAL™ NEX BO and PANNECO™ are toluene-free gravure inks for printing on the front side of film.

Printing and Information Business Segment

- Offset inks (Web, Sheet-fed)
- UV curing inks
- Screen inks
- Newspaper inks
- Metal decorative inks
- Inkjet inks
- Printing materials and machinery

Share of sales in fiscal 2019 **26.9%**

Net sales..... **76,680** million JPY

Operating profit **314** million JPY

Signature Brands

- **FLASH DRY™ BIO series**
FLASH DRY™ BIO series is a lineup of UV curing inks that are certified by the Japan Organics Recycling Association as having a biomass level of at least 10%. The lineup includes a variety of types of ink, including energy-saving ink for tissue paper, carton ink, letterpress ink, flexographic ink, and ink for paper cups.
- **WEBDRY™ LEO-X**
WEB DR™ LEO-X is an environmentally friendly offset ink that uses plant-derived raw materials and can accommodate a wide range of paper grades from groundwood paper to coated paper. It is certified by the Japan Organics Recycling Association as having a biomass level of at least 20%.
- **TOYO KING NEX™**
TOYO KING NEX™ is an offset sheet-fed ink that is easy to use in all printing conditions. Made from plant-derived raw materials, it is also an environmentally friendly ink. It is certified by the Japan Organics Recycling Association as having a biomass level of at least 30% to 40%.
- **Vantean Echo™**
Vantean Echo™ is a high-density offset ink for newspapers. Made from plant-derived raw materials, it is also an environmentally friendly ink.
- **FLASH DRY™ SS Soft Feel Varnish**
FLASH DRY™ SS Soft Feel Varnish is a UV curing screen ink that gives an "ultra-soft finish" and a "quality and fine matte feel" to printed materials.