

Mass Colorants for Chemical Based Fibers and Synthetic Fibers

▶ Characteristics

- Stable fiber spinning becomes possible as the pigment particles are highly dispersed using our original atomization technology.
- We provide pellet shaped masterbatches having excellent workability, anti-staining property and automatic measuring ability of fixed quantity supplying machine.
- Our products contain the pigments having excellent heat-resistance and weather-fastness, and are designed to have little effect on their physical properties.
- Applicable to monofilament, stretch tape, general film, etc., as well as fiber.

| Applicable resin | Pellet size | Applicable color |
|---------------------------------|-----------------------|---------------------------|
| Polyester | Regular (2.5 ~ 3.5mm) | Base color / Custom color |
| Polyester (Recycled PET fibers) | Mini (1.5mm or less) | Base color |
| Nylon | Regular (2.0 ~ 3.0mm) | Base color / Custom color |
| Polypropylene | Regular (2.5 ~ 4.0mm) | Custom color |

▶ Representative Products

For Polyester(Recycled PET Fiber)

| Product name | Color | Main dyestuff / pigment used |
|--------------|-------------|------------------------------|
| 101 | Yellow | Anthraquinone |
| 102 | Yellow | Calcined metal complex |
| 103 | Yellow | Calcined metal complex |
| 301 | Red | Perinone |
| 302 | Red | Polyazo |
| 305 | Red | Perylene |
| 404 | Pink | Quinacridone |
| 405 | Violet | Azomethine |
| 501 | Blue | Phthalocyanine |
| 504 | Marine blue | Ultramarine |
| 601 | Green | Phthalocyanine |
| 701 | Brown | Iron oxide |
| 702 | Brown | Iron oxide |
| 802 | White | Titanium oxide |
| 901 | Black | Carbon black |

For Nylon

| Product name | Color | Main dyestuff / pigment used |
|--------------|-------------|------------------------------|
| 102 | Yellow | Calcined metal complex |
| 103 | Yellow | Calcined metal complex |
| 105 | Yellow | Metal-containing azo |
| 304 | Red | Perylene |
| 404 | Pink | Quinacridone |
| 407 | Violet | Dioxazine |
| 501 | Blue | Phthalocyanine |
| 508 | Marine blue | Ultramarine |
| 601 | Green | Phthalocyanine |
| 703 | Brown | Iron oxide |
| 801 | White | Titanium oxide |
| 901 | Black | Carbon black |

▶ Application

For clothes

Coloring of socks, swimming wear, clothes, dress shirts, sports / casual wear, underwear, lining of rainwear.

For industrial materials

Coloring of industrial nets, interior material for automobiles, base fabric for synthetic leather, fishing nets, waterproof sheets, filter fabrics.

For interior / bedding

Coloring of sanitary materials, carpet, carpet for automobile, chair upholstery, curtains, artificial turf .

