

# Mass Colorants for Chemical Based Fibers and Synthetic Fibers

## Applications

【For industrial materials】— For coloring industrial nets, automotive interior materials, base fabrics for synthetic leather, fishing nets, waterproof sheets, filter fabrics, etc.

【For interior / bedding】— For coloring sanitary materials, carpets, chair upholstery, curtains, artificial turf, etc.

【For apparel】— For coloring socks, swimwear, men's wear, etc.

## Characteristics

- Our mass colorants contain highly dispersed pigment particles utilizing our original fine particle dispersion technology, and are capable of ensuring stable spinning.
- We offer pelletized masterbatches with excellent workability, anti-staining properties, and automated weighing performance for constant feeder.
- Our mass colorants contain pigments having excellent heat resistance and lightfastness, and are designed to have little effect on physical properties.
- Besides fibers, our mass colorants are also applicable to monofilaments, stretch tapes, general purpose films, etc.

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
Polyethylene	Regular (2.5 ~ 4.0mm)	Custom color

## Representative Products

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

For Polyester(Recycled PET Fiber)

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

For Nylon