

Masterbatches



Exactly your chemistry.

Let Your True Colors Come Through
Masterbatches for Fiber

Advanced Color Solutions

An ever-expanding range of colors plus the increasing use of high-end materials present tough processing challenges for today's carpet, textile and upholstery manufacturers. Sophisticated masterbatches technology from Clariant ensures the vibrant colors

you want with the reliability and efficiency you need. No one knows more about coloring polyester, polypropylene and nylon fibers than Clariant.

Clariant's unmatched expertise centers on pioneering research and development of single pigment concentrates. In these pelletized masterbatches, a single colorant is compounded to develop its maximum strength. Mixing two or more single pigment concentrates produces a custom masterbatch with exceptionally high pigment strength and low use rates. This means simpler and more efficient spin colorization for nylon, polyester, polypropylene and other synthetic carpet and textile fibers.

A commitment to excellence

Clariant has proudly earned their ISO 9001:2000, ISO 14001, and OHSAS 18001 certificates as of 2007. Clariant masterbatches have excellent color dispersion and lot-to-lot color consistency. The high quality of Clariant color concentrates and additives is maintained by utilizing sophisticated production equipment together with advanced pre- and postblending, drying, and crystallizing capabilities.

Each production lot is tested before it leaves our doors, using lab-scale spinning lines capable of producing fiber in various cross-sections from 4 to 30 d.p.f.

Ecologically responsible and powder-free, Clariant local businesses set industry standards for cleanliness and efficiency.

Clariant offers a full spectrum of custom color and additive packages.





Creative technology, practically applied

With decades of experience and a strong commitment to continuous innovation, Clariant defines synthetic fiber color technology. We constantly develop new and improved pigments and additives, including flame retardant, antioxidant, optical brightening, waterproofing and electro-conductive agents.

No matter how rigorous the demands of an application, Clariant can meet your specifications for UV stability, colorfastness and the full spectrum of physical properties.

We also provide independent laboratory testing and certification of properties.

A strategic business partner

Clariant local businesses and market specialist teams provide valuable customer support resources. Clariant's facility based in Dalton, Georgia, the nucleus of the US carpet industry, is a sophisticated laboratory and production site that ensures close coordination with a customer's in-house engineering team as well as the expedition of small-batch trials.

Clariant: A Global Presence

Local Clariant businesses from Canada to Georgia, Minnesota to Mexico and South America, are strategically positioned to provide superior service. Customers get the fast response, close teamwork and consistent quality of a local resource, plus the international experience and shared technologies of Clariant's decentralized global masterbatches network.

Performance solutions

Applications

- Carpet yarn
- Textile yarn
- Upholstery yarn
- Recycled fibers
- Nonwovens
- Bi-component fibers
- Monofilament/cordage
- Filtration fabrics
- Synthetic turf

Capabilities

- Color matching
- Sample retention
- Just-in-time delivery
- Rapid response
- Custom additive products/packages
- Performance testing
- Pilot fiber lines
- Technical assistance
- Custom compounding

Polymer Type

- Polyethylene
- Polypropylene
- PET
- PBT
- PTT
- PLA
- Nylon 6
- Nylon 6/6
- PVDF



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