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Additives

Ceridust® 6050 M

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Polypropylene wax

Product Description

Ceridust 6050 M is a micronized metallocene-based polypropylene wax.

Benefits

- Increased anti-slip properties and improved adhesion of sealants
- Acts as a degassing agent in powder coatings
- Effective matting and degassing agent
- Excellent scratch resistance
- Excellent dispersing agent for hard-to-disperse pigment PP masterbatches
- Efficient flow promoter for PP compounds

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target value	Test method
Appearance		white micronized powder	QM-AA-634
Drop point	[°C]	142 - 148	ASTM D 3954
Particle size D ₅₀	[µm]	6.5 - 12.5	QM-AA-112
*Density (23°C)	[g/cm ³]	~ 0.90	ISO 1183
*Acid value	[mg KOH/g]	0	ISO 2114

Applications

Ceridust 6050 M is recommended for solvent based and powder coatings.

In solvent based coatings the micronized polypropylene creates an excellent scratch resistance. The very strong matting effect makes the Ceridust 6050 M to a very effective matting agent.

In powder coatings it acts as a degassing agent. It also increases the coefficient of friction (anti slip), enhances scratch resistance and reduces gloss of the cured powder coating. It improves the adhesion properties on the surface without compromise of degassing properties when using amide based waxes.

Ceridust 6050 M is a fine particle dispersing agent and is recommended for Polypropylene –especially film and fiber application. The micronized dispersing agent particles are close to the pigment particles and being almost statistically ideally distributed, show a high likeliness to find a place between pigment particles, thus separating them from each other. Consequently those pigment particles will not form agglomerates. The early melting behavior of micronized particles leads to a coating effect of the pigment particles and neutralizes the binding forces of pigment particles, prevents them from re-agglomeration, eases pigment dispersion and stabilizes the dispersion. A mixture of standard powder and Ceridust already improves the color strength as well as the filter pressure value.

Ceridust 6050 M is used as dispersing agent for hard-to-disperse PP pigment masterbatches, especially for high demanding applications like e.g. fibers

Packaging and Handling

Delivery form

Micronized powder

Packaging

Paper bag 15 kg

Pallet 450 kg (30 bags)

Storage

For best shelf life store this product in a dry area at normal ambient temperatures.

Minimum shelf life is two years from the date of shipping when properly stored.

Safety

Hazards

The product does not require a hazard warning label according CLP regulation (Regulation (EC) No. 1272/2008, as amended). For further information please refer to the Material Safety Data Sheet.

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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