



Print this page **Advanced Surface Solutions**

**Additives**

## Ceridust® 3620

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### Polyethylene wax

#### Product Description

Ceridust 3620 is a micronized polyethylene wax.

#### Benefits

- Excellent scratch resistance and matting properties
- High water repellent effect
- Excellent anti-settling properties
- Excellent dispersion properties to hard-to-disperse pigment masterbatches based on Polyethylene

#### Specifications

##### Delivery Specifications and (\*) General Properties

Characteristics	Unit	Target value	Test method
<b>Appearance</b>		white micronized powder	QM-AA-634
<b>Drop point</b>	[°C]	127 - 132	ASTM D 3954
<b>Particle size D50</b>	[µm]	7.5 - 9.5	QM-AA-112
<b>Density (23°C)</b>	[g/cm³]	0.96 - 0.98	ISO 1183
<b>*Acid value</b>	[mg KOH/g]	0	ISO 2114

#### Applications

Ceridust 3620 is recommended for solvent based coatings and inks as well as for powder coating application.

It is an excellent rub and scratch resistance additive for all kind of printing inks. The fine powder is easy to disperse especially in solvent or oil based inks. In solvent based coatings the micronized polyethylene creates an excellent scratch resistance together with a very good matting and slip effect.

It is also an additive for powder coatings to increase the output during extrusion process and to improve the flowability of the powder. It also improves slip properties and enhances scratch resistance of the cured powder coating. The fine powder is also easy to blend with all the other ingredients at the beginning of the production procedure.

Ceridust 3620 is a fine particle dispersing agent and is recommended for polyolefin, like LLDPE, LDPE, MDPE, HDPE. 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.

#### Packaging and Handling

##### Delivery form

Micronized powder

##### Packaging

Big Bag 300 kg  
Paper bag 20 kg  
Pallet 600 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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