



Print this page **Advanced Surface Solutions**

**Additives**

## Ceridust® 3910

**Edition Date** November 19, 2018 **Edition Number** 8

### Amide wax

#### Product Description

Ceridust 3910 is a micronized amide wax.

#### Benefits

- Acts as a degassing agent in powder coatings
- Excellent anti-blocking and slip properties
- Good scratch resistance properties
- Increased matting
- High water repellent effect
- Improved sand-ability of wood coatings
- no influence on the transparency of polymers
- Excellent dispersion and lubricating properties in plastics applications

#### Specifications

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

Characteristics	Unit	Target value	Test method
<b>Appearance</b>		white micronized powder	QM-AA-634
<b>Acid value</b>	[mg KOH/g]	5,0 - 8,0	ISO 2114
<b>Drop point</b>	[°C]	139 - 144	ISO 2176
<b>Particle size d50</b>	[µm]	5,5 - 7,5	QM-AA-112
<b>*Density (23°C)</b>	[g/cm³]	~ 1,00	ISO 1183

#### Applications

Ceridust 3910 is recommended for solvent and water based coatings and inks. It has also excellent degassing properties in powder coatings.

It is a slip additive in various printing ink systems. Additionally it also provides rub and scratch resistance.

In solvent and water based coatings the micronized amide wax performs as scratch resistance additive and lowers the coefficient of friction. Furthermore it improves the sand ability of wood coating and creates a soft touch effect on the surface.

In powder coatings it is a very effective degassing agent, especially for polyester based coatings. In addition high water repellence effect and scratch resistance can be achieved by adding the Ceridust 3910. Also the anti blocking behavior of the cured lacquer is improved with the add-on of Ceridust 3910.

Ceridust 3910 is a fine particle dispersing agent and is recommended for engineering polymers like PA, PC, PET, PBT, TPU, etc. 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.

Dispersing agent, especially for hard-to-disperse pigments in masterbatches based on engineering resins like PA,PBT,PET,PC,PDM,TPU,PS etc.  
Additive for paints and coatings, sandin gaid and slip additive for inks

#### Packaging and Handling

##### Delivery form

Micronized powder

##### Packaging

Pasteboard 15 kg

Pallet 360 kg (24 pasteboards)

Paper bags 20 kg  
Pallet 480 kg (24 bags)

### Storage

For best shelf life store this product in a dry area at normal ambient temperatures.  
Minimum shelf life is 2 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).

[www.clariant.com](http://www.clariant.com)



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