

CERAFLOUR 991

Micronized Fischer-Tropsch wax for solvent-borne coating systems and powder coatings for improving surface properties.

Product data

Composition

Micronized Fischer-Tropsch wax

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	0.95 g/cm ³
Melting point:	115 °C
Particle size distribution D50:	5 µm
Particle size distribution D90:	9 µm
Delivery form:	micropowder

Storage and transportation

Temperature sensitive. To be stored and transported at a temperature below 50 °C.

Applications

Coatings industry and printing inks

Special features and benefits

The additive enhances surface slip and improves surface protection. It is recommended for solvent-borne and solvent-free systems.

Recommended levels

0.3–0.5 % additive (as supplied) based upon the total formulation; in printing inks, 1–5 %.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive is preferably incorporated at the end of the production process at a moderate shear rate.

Powder coatings

Special features and benefits

The additive is recommended for matting powder coatings and it also improves surface slip and surface protection.

Recommended use

CERAFLOUR 991 is recommended for powder coatings based on polyester/TGIC/primid/powder link, polyester/epoxy, acrylate, polyurethane and epoxy.

Recommended levels

0.5–2 % additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive should be mixed with resin, hardener, pigments and other additives using a high speed mixer and extruded along with all the components.



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