

# CERAFLOUR 924

Micronized, modified HDPE wax for improving mechanical properties in aqueous and solvent-borne systems and for matting and achieving soft touch properties in aqueous systems. Suitable for heat-sealing applications in solvent-borne systems.

## Product data

### Composition

Micronized modified high density polyethylene wax

### Typical properties

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

Density (20 °C):	0.98 g/ml
Melting point:	135 °C
Particle size distribution D50:	12 µm
Particle size distribution D90:	20 µm
Delivery form:	micropowder

### Storage and transportation

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

### Special note

The storage stability in the coating system should be tested.

## Applications

### Coatings industry

#### Special features and benefits

CERAFLOUR 924 is suitable for heat-sealing applications against PE in solvent-borne packaging coatings. The additive improves scratch and abrasion resistance of aqueous and solvent-borne coating systems. In aqueous systems, the additive can be used to achieve soft touch properties and good matting properties. The organic co-solvent content in aqueous systems should be at least 5–10 % to avoid floating of the wax additive. It is suitable for both solvent-borne and solvent-free systems.

#### Recommended use

Can coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input checked="" type="checkbox"/>
Architectural coatings	<input type="checkbox"/>
Floor coatings	<input type="checkbox"/>

especially recommended    recommended

**Recommended levels**

0.5–2 % additive (as supplied) based on 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 preferably be post-added to the coating at a medium shear rate. The storage stability in the coating system should be tested.

**Printing inks****Special features and benefits**

The additive improves the scratch and abrasion resistance of aqueous printing inks. It also achieves a matting effect. The additive requires a low organic co-solvent content for optimal compatibility in aqueous systems.

**Recommended levels**

0.5–2 % additive (as supplied) based on 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 can be easily incorporated into aqueous coating systems. It should preferably be post-added to the coating at a medium shear rate.



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