



DISPARLON® RE-9000

Thixotropic agent for solvent-borne systems

TECHNICAL DATA SHEET

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DISPARLON® RE-9000 is a powdered thixotropic agent based on amide wax.

DISPARLON® RE-9000 is activated in coating systems by applying shear to the mixtures and provides strong thickening, anti-sagging, and anti-settling effects. Compared with conventional products, DISPARLON® RE-9000 is effective with relatively low addition levels.

TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

Appearance	White to light yellow fine powder
Melting point	122 °C
Acid value (mgKOH/g)	Max. 6.0
Amine value (mgKOH/g)	Max. 6.0
Particle size	Max. 15 µm

ADVANTAGES

- Strong thickening, anti-sagging, and anti-settling effects
- Effective under a wide range of activation conditions
- Effective at relatively low addition levels
- Excellent recoatability
- Powdered; 100% active matter

APPLICATION

DISPARLON® RE-9000 is recommended for general synthetic resin coatings and is especially suitable for solvent-borne epoxy and acrylic resin coatings such as marine coatings and heavy-duty anti-corrosion coatings.

INCORPORATION

Addition levels

0.5–2.0 wt% on total formulation.

The optimal additive level should be determined under actual use conditions.

Method

Adjust the temperature in the range of 50–70 °C.

Addition using a sand mil and high-speed dissolver is recommended.

The optimum dispersing temperature, time, and shear conditions should be determined under actual use conditions.

Adding 1–2 % of alcohol can lower the optimum dispersion temperature.

After the dispersion process, avoid applying further shear during cooling.



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