



DISPARLON® RE-9100

Thixotropic agent for solvent-borne systems

TECHNICAL DATA SHEET

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DISPARLON® RE-9100 is a powdered thixotropic agent based on amide wax.

DISPARLON® RE-9100 is activated in coating systems by applying shear to the mixtures and provides thickening, anti-sagging, and anti-settling effects. DISPARLON® RE-9100 offers an excellent balance between anti-sagging performance and workability.

TYPICAL PROPERTIES

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

Appearance	White to light yellow fine powder
Melting point	121 °C
Acid value (mgKOH/g)	Max. 6.0
Amine value (mgKOH/g)	Max. 6.0
Particle size	Max. 15 µm

ADVANTAGES

- Excellent thickening, anti-sagging, and anti-settling effects
- Effective in a wide range of activation conditions
- Good workability
- Excellent recoatability
- Powdered; 100% active matter

APPLICATION

DISPARLON® RE-9100 is recommended for general synthetic resin coatings and is especially suitable for solvent-borne epoxy/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 optimum 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 dispersing temperature.

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



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