

Additives for coatings and printing inks
DISPARLON®

August 2024

DISPARLON® RE-9000
(Thixotropic agent for solvent-borne systems)

DISPARLON® RE-9000 is a powder type thixotropic agent composed of amide wax. **DISPARLON® RE-9000** is activated in coating systems and provides strong thickening, anti-sagging, and anti-settling effects. Compared to conventional products, **DISPARLON® RE-9000** is effective with a relatively small additive amount.

ADVANTAGES

- Strong thickening, anti-sagging, and anti-settling effects
- Effective in a wide range of activation conditions
- Effective with a relatively small additive amount
- Excellent recoatability
- Powder type, 100% active matter

APPLICATIONS

DISPARLON® RE-9000 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

- Additive levels : 0.3 – 2.0 wt% on total formulation.
The optimal additive level should be determined under an actual use condition.
- Method : Standard dispersing temperature is 50 – 70 deg.C.
Addition with a sand mill and high-speed dissolver is recommended.
The optimal dispersing temperature, time, and shear should be determined under an actual use condition.
Adding 1 – 2 % of alcohol can lower the optimum dispersion temperature.
After the dispersing process, do not apply shear during cooling.

TYPICAL PROPERTIES

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

Appearance	White to light yellow fine powder
Particle size	Max. 15 µm
Melting point	122 deg.C.
Acid value	Max. 6.0
Amine value	Max. 6.0



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