

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] RE-8000

(Anti-sagging/settling agent)

DISPARLON[®] RE-8000 is a powder-type thixotropic agent based mainly on amide wax.

DISPARLON[®] RE-8000 should be activated by dispersing it in an intended system under heating to make its powder swelled and form fibrils, which build up a network structure and give the thickening, anti-sagging, and anti-settling properties to the system.

DISPARLON[®] RE-8000 shows very high shear resistance during activation and is particularly effective in the case that the activation process cannot avoid high shear rate, high temperature, or long time.

ADVANTAGES:

- 100% active powder (no solvent included).
- Stable thixotropic effects even under sever activation conditions such as high shear.
- Excellent recoatability.

APPLICATIONS

DISPARLON[®] RE-8000 can be applied to general synthetic resin coatings, especially to the solvent-born epoxy/acrylic resin coatings such as marine coatings and heavy-duty anti-corrosion coatings.

INCORPORATION

Standard dosage: 0.5 ~ 2.0wt% on total formulation. This recommended level can be used for orientation. The optimal level should be determined by your laboratory tests.

Equipment: Sand mil and high-speed dissolver are desirable because they can control the share rate and temperature at the same time.

Method: Grind with mill base at 60 ~ 80°C.
In case it is difficult to achieve the temperature suggested above, the addition of 1 ~ 2% of alcohol (ex. 1-butanol) to the paint will lower the activation temperature.

Cautions: The conditions referred above strongly depend on the user's system. Thorough pretests in the actual systems are strongly recommended to prevent low performances.

TYPICAL PROPERTIES

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

Appearance: White to light yellow fine powder

Particle size: Approx. 15 μ m

Melting point: 139°C



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