

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] 6650
(Thixotropic agent for solvent-borne systems)

DISPARLON[®] 6650 is a powder type thixotropic agent composed of amide wax. DISPARLON[®] 6650 is activated in coating systems, provides thickening, anti-sagging, and anti-settling effects, and offers good workability.

ADVANTAGES

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

APPLICATIONS

DISPARLON[®] 6650 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 : 0.5 – 3.0 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 mil 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
Bulk density	0.19
Melting point	122 deg.C.
Acid value	Max. 5.0
Amine value	Max. 5.0



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