

DISPARLON

1/2P

October 2018

DISPARLON 6500N

(Anti-Slumping agent)

DISPARLON 6500N is a strong thixotropic agent based on amide wax and recommended for non-solvent as well as non-polar systems. Unlike hydrogenated castor wax products, 6500N permits incorporation at higher temperatures and functions as a strong anti-slumping agent without seeding.

ADVANTAGES

- Easily Imparts strong anti-slumping property by dispersed with heat.
- Give uniform adhesion by preventing slumping.
- Composed of 100 % organic matter, still these products can provide good handling at the application and manufacturing process.

APPLICATIONS

Recommended for sealant (Modified silicone, Urethane, etc.) and adhesive (Synthetic rubber, Epoxy, etc.) systems.

INCORPORATION/ADDITION

Additive levels : 0.6 ~ 2.0 % by wt. of final formulation.

- Use in non-solvent systems

Dispersing equipment : Kneader, Planetary mixer, or Twin screw Extruder is recommended.

Dispersing temperature : Adjust the temperature in the range of 70 ~ 100 °C. However, activation temperature is depending on the vehicle and its content. Prior tests are therefore required to ascertain optimum dispersing temperature.

- Use in non-polar solvent systems

Dispersing equipment : Sand mill, Attritor, Dyno mill, high speed dissolver, etc. is recommended.

Dispersing temperature : Again there could be some variation in dispersing temperature depending on the solvent and resin used and their ratio. 50 ~ 80 °C is suggested for swelling and dispersing 6500N in non-polar solvent systems.



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TYPICAL PROPERTIES

Appearance	White to light yellow fine powder
Melting point	Approx. 123 °C
Density (at 20°C)	1.0 g/cm ³
Bulk density	Approx. 0.14
Fineness of dispersion	Max .30 μ

CAUTION

In paint and coatings, **6500N** can sometimes cause poor recoatability or intercoat adhesion when this products is used in paint and coatings. Therefore, thorough preliminary test is absolute.

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