

DISPARLON

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DISPARLON LCN-400

(Leveling / Flow agent)

DISPARLON LCN-400 is silicone-free, non-ionic high molecular weight surface active agents. This is 50 % solids, chemically stable and have excellent dispersibility in a wide range of paint systems. This product is utilized in the advanced paint technologies including high-solids coatings and UV cured systems as surface modifiers. Especially effective in baking systems.

ADVANTAGES

- Improve leveling and prevent pinholes.
- Improve film gloss by promoting pigment wetting, resulting in good dispersion.
- Act as defoamer.
- Have little affect on physical properties of the film such as recoatability.
- Excellent dispersibility allows post addition.

APPLICATIONS

LCN-400 can be used in almost all type of baking high-solids coatings, thermosetting, UV curing systems, non-solvent coatings as well as conventional baking solvent based coatings and Unsaturated polyester coatings, particularly high-solids Polyester / melamine and Acrylic melamine coatings for automotive and coil industries.

INCORPORATION

Additive level : 0.2 ~1.5 % by weight on total formulation.
Method : Post-addition on high speed dissolver is recommended.

TYPICAL PROPERTIES

Appearance : Colorless to light yellow liquid
Non-volatile matter : 50 % by weight
Density : 0.96 g/cm³ (at 20°C)
Solvent : Butyl acetate



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