

Additives for coatings and printing inks
DISPARLON[®]

(May 2012)

DISPARLON[®] LCN-400

(Leveling/Flow agent)

DISPARLON LCN-400 is a silicone-free, non-ionic high molecular weight surface active agent. This product is 50 % solids, chemically stable and has excellent dispersability in a wide range of paint systems. This product can be utilized in advanced paint technologies including high-solids coatings and UV cured systems as a surface modifier. It is especially effective in baking systems.

ADVANTAGES

- Improves leveling and prevents pinholes.
- Improves film gloss by promoting pigment wetting, resulting in good dispersion.
- Acts as defoamer.
- Has little affect on physical properties of the film such as recoatability.
- Excellent dispersability allows post addition.

APPLICATIONS

LCN-400 can be used in almost all types of high-solids coatings including, thermosetting, UV curing systems, non-solvent coatings, as well as conventional bake finishes and unsaturated polyester coatings. It works particularly well in high-solids polyester/melamine and acrylic/melamine coatings for automotive and coil applications.

INCORPORATION

Additive level : 0.2 ~ 1.5 % by wt.

Method : Post-addition on high speed dissolver is recommended



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TYPICAL PROPERTIES

Appearance	Clear to light yellow liquid
Non-volatile matter	50 % by wt.
Density	0.96 g/cm ³
Solvent	Butyl acetate

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