Additives for coatings and printing inks DISPARLON®

July 2024

DISPARLON® NS-5500

(Thixotropic agent)

DISPARLON® NS-5500 is a hybrid type thixotropic agent composed of an amide wax and an oxidized polyolefin. **DISPARLON® NS-5500** can be easily incorporated into coating systems, and prevents settling and improves metallic pigment orientation without excess viscosity increasing and undesirable aggregation.

ADVANTAGES

- Easy incorporation
- Excellent anti-settling property
- Improves metallic pigment orientation
- Improves matting effect of silica matting agent

APPLICATIONS

DISPARLON® NS-5500 can be used in a wide range of coating systems. **DISPARLON® NS-5500** is especially suitable for coatings using metallic pigments, silica matting agent, and pearl pigments.

INCORPORATION

Additive levels 3.0 - 8.0 wt% on total formulation.

The optimal additive level should be determined under an actual use condition.

Method : Post-addition at a final production stage with a dissolver is recommended.

Keep the temperature of the dispersing process below 50 deg.C.

TYPICAL PROPERTIES

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

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Appearance	White to light yellow paste
Active matter	7 %
Solvent	Solvent naphtha/Ethanol/2-Propanol

STORAGE

• Do not heat. Store below 40 deg.C. Heating causes degradation of quality and performance.

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