

DISPARLON NS-5503

(Thixotropic agent)

DISPARLON NS-5503 is a pre-activated thixotropic agent composed of a hybrid compound of an amide wax and an oxidized polyolefin. DISPARLON NS-5503 prevents settling and improves metallic pigment orientation without excess viscosity increasing and undesirable aggregation. Unlike conventional amide paste products, DISPARLON NS-5503 is easily incorporated into a system and it does not need to prepare Master-batch for incorporation. This product does not contain aromatic solvents.

ADVANTAGES

- Excellent anti-settling property
- Improves metallic pigment orientation
- Improves matting effect of silica
- Excellent handling / Easy incorporation
- Aromatic free

APPLICATIONS

DISPARLON NS-5503 can be used in a wide range of coating systems, and is especially recommended for metallic coatings such as high performance enamels and two-component urethane systems.

INCORPORATION

Additive levels : 3.0 ~ 8.0% by wt on total formulation.

Method : Post-addition at a final production stage with a dissolver is recommended.
Keep temperature below 50°C during incorporation.

TYPICAL PROPERTIES

| | |
|---------------|--|
| Appearance | White to light yellow flowable paste |
| Active matter | 7% by wt. |
| Solvent | Naphtha (petroleum), hydrotreated heavy / <i>n</i> -Butyl acetate / Ethyl alcohol |

STORAGE

- Store below 40°C.
- Do not heat. Heating causes degradation of quality and performance.
- Flowability may decrease in a cold temperature condition. It can be recovered by shaking.



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