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## (Anti-settling agent)

**DISPARLON NS-5503** is a pre-activated fluid thixotropic agent which is a hybrid of amide wax and oxidized polyolefin. **DISPARLON NS-5503** provides excellent anti-settling property and improves metallic pigment orientation without excess thickening and undesirable aggregation. Unlike conventional amide paste products, NS-5503 doesn't need to make Master-batch. This product doesn't contain aromatic solvents.

## ADVANTAGES

- Excellent anti-settling property.
- Improves metallic pigment orientation. (Aluminium / Mica).
- Improves matting effect of silica-matting agent.
- Excellent handling / Easy incorporation.
- Aromatic free.

# APPLICATIONS

**DISPARLON NS-5503** can be used in various coating systems. NS-5503 is especially recommended for metallic coatings for plastic such as high performance enamels and 2 component urethane systems.

#### INCORPORATION

- Additive level:  $3.0\% \sim 8.0\%$  by weight on total formulation.
- Method : Post-addition by high-speed dissolver is recommended. Dispersing below 50°C is recommended.

#### **TYPICAL PROPERTIES**

Appearance	White to light yellow flowable paste
Non-volatile matter	7 wt%
Solvent	Naphtha (petroleum), hydrotreated heavy / n-Butyl acetate / Ethyl alcohol

## PRECAUTIONS

- •Store this product below  $40^{\circ}$ C.
- •Flowability may decrease at cold place. Flowability can be recovered by shaking well.
- •Don't heat this product up to avoid reducing effectiveness.

\*DISPARLON is a registered trademark of Kusumoto Chemicals, Ltd. Tokyo, Japan.



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