Kusumoto Chemicals, Ltd.

DISPARLON® BB-102

Anti-Sagging/Anti-Settling Agent for Solvent-borne Systems

TECHNICAL DATA SHEET
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DISPARLON® BB-102 is thixotropic agent based on amide wax pre-activated in non-aromatic solvents.
DISPARLON® BB-102 is very soft paste designed for easy incorporation at post-addition.

TYPICAL PROPERTIES

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

Appearance	Light yellow paste
Non-volatile matter	10 wt%
Solvent	Butyl acetate / n-Butyl alcohol

ADVANTAGES

- Provides strong anti-sagging and anti-settling properties.
- Easy incorporation (No need to make Master-batch)
- Ready-to-use (no activation process required)
- Improves the orientation of metallic pigments in wet film.

APPLICATION

DISPARLON® BB-102 is recommended for most of solvent based systems such as plastics, wood, automotive, heavy duty, marine, architectural and industrial coatings.

INCORPORATION

Addition levels

Recommended dosage level is 1.0–5.0 wt% for anti-sagging and 0.5–2.0 wt% for anti-settling (based on total formulation). However, dosage level may fall outside these ranges depending on your formulation.
The optimal level should be determined under actual use conditions.

Method

Addition using a high-speed dissolver is recommended.

Dispersing temperature

The amide component may form particles if it is dissolved into a formulation and later precipitated during dispersing process. Standard dispersing temperature is between the room temperature and 50 °C to prevent particle generation. Care must be taken with the dispersing temperature because particles may occur at the upper end of the standard temperature range mentioned above if a formulation contains a large amount of polar solvent.

STORAGE

Particles may occur in the paste during storage at a low temperature below 15 °C because of the crystallization of its ingredients. In such case, please warm the vessel in a heating chamber at 35–40 °C for 24 to 48 hours just before using it.
Store temperature: below 40 °C. Storing above 40°C may cause degradation of quality and performance.
(Thickening behavior may be changed. / Dispersibility may be deteriorated.)

CAUTION

Amide wax may cause low surface tension. Ensure recoatability is checked, especially in alkyd-melamine or oil-modified alkyd baking systems.

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