Kusumoto Chemicals, Ltd.

DISPARLON® PF-911A

Thixotropic Agent for Solvent-borne Systems

TECHNICAL DATA SHEET
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DISPARLON® PF-911A is a flowable paste thixotropic agent composed of polyolefin wax. DISPARLON® PF-911A forms a weak structure by agglomerating pigments and fillers in the coating system, thereby preventing settling and hard-caking. DISPARLON® PF-911A can impart thixotropic properties to the coating system without causing an excessive increase in viscosity.

TYPICAL PROPERTIES

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

Appearance	Milky white paste
Active matter	10 %
Solvent	Naphtha(petroleum), hydrotreated heavy / n-Butyl acetate

ADVANTAGES

- Aromatics-free.
- Prevents pigment settling and hard-caking.
- Imparts thixotropic properties without causing an excessive increase in viscosity.

APPLICATION

DISPARLON® PF-911A can be used in a wide range of solvent-borne systems and is highly recommended for automotive metallic coatings.

INCORPORATION

Addition levels

1.0–5.0 wt% on total formulation.
The optimal additive level should be determined under actual use conditions.

Method

Can be added at any production stage. Post-addition at a final production stage using a high-speed dissolver is recommended. If the product is not sufficiently dispersed, addition at early stages is required.
Keep the temperature from room temperature up to 40 °C during dispersing the product. Higher temperatures cause degradation of the coating film.
A filtration process is necessary to remove coarse particles such as dried pieces of the product.

STORAGE

Do not heat. Store below 40 °C. Heating causes degradation of quality and performance.
Flowability may decrease at low temperatures. It can be recovered by shaking.

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