Kusumoto Chemicals, Ltd.

DISPARLON® 3500

Thixotropic Agent

TECHNICAL DATA SHEET
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DISPARLON® 3500 is a solvent-free thixotropic agent composed of polyether phosphates. DISPARLON® 3500 functions by adsorbing onto the surfaces of pigments and fillers to form a network structure. This provides excellent thickening, anti-sagging, and anti-settling effects, particularly in coating systems with high pigment and filler loadings.

TYPICAL PROPERTIES

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

Appearance	Amber liquid
Active matter	100 %
Acid value (mgKOH/g)	47

ADVANTAGES

- Provides excellent thickening, anti-sagging, and anti-settling properties.
- Effective for a wide range of pigments and fillers.
- Solvent-free.

APPLICATION

DISPARLON® 3500 can be used in a wide range of industrial coatings and is especially recommended for urethane and inorganic zinc-rich coating systems.

INCORPORATION

Addition levels

0.1–10 wt% on total formulation.

The optimal additive level should be determined under actual use conditions.

Method

Can be added at any production stage.

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