Kusumoto Chemicals, Ltd.

DISPARLON® 4200-20

Thixotropic Agent for Solvent-borne Systems

TECHNICAL DATA SHEET
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DISPARLON® 4200-20 is a thixotropic agent composed of an oxidized polyolefin. DISPARLON® 4200-20 imparts thixotropic properties to coating systems without excessively increasing viscosity, prevents pigment settling and hard-caking, and provides anti-sagging effect.

TYPICAL PROPERTIES

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

Appearance	White to light yellow paste
Non-volatile matter	20 %
Solvent	Xylene

ADVANTAGES

- Prevents pigment settling and hard-caking.
- Provides anti-sagging effect.
- Imparts thixotropic properties without excessively increasing viscosity.

APPLICATION

DISPARLON® 4200-20 can be used in a wide range of solvent-borne systems.

INCORPORATION

Addition levels

1.0–3.0 wt% on total formulation.
The optimal additive level should be determined under actual use conditions.

Method

Addition at the initial production stage using a sand mill, attritor, ball mill or three-roll mill is recommended.
To avoid deterioration of coating quality, the temperature of the dispersion process should be kept between room temperature and 60 °C.

STORAGE

Do not heat. Store below 40 °C. Heating causes degradation of quality and performance.

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