Kusumoto Chemicals, Ltd.

DISPARLON® 4200-10A

Thixotropic Agent for Solvent-borne Systems

TECHNICAL DATA SHEET
Issued on 19 October 2026

DISPARLON® 4200-10A is a thixotropic agent composed of an oxidized polyolefin. DISPARLON® 4200-10A imparts thixotropic properties to coating systems without excessively increasing viscosity and prevents pigment settling and hard-caking.

TYPICAL PROPERTIES

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

Appearance	Milky white paste
Non-volatile matter	10 %
Density (20°C)	0.87 g/cm^3
Solvent	Xylene

ADVANTAGES

- Prevents pigment settling and hard-caking.
- Imparts thixotropic properties without excessively increasing viscosity.

APPLICATION

DISPARLON® 4200-10A 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

Addition with a high-speed dissolver is recommended.
To avoid deterioration of coating quality, the temperature of the dispersion process should be kept between room temperature and 40°C.
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. In this case, shake the container.

Kusumoto Chemicals, Ltd.
Kusumoto Bldg. 1-11-13 Uchikanda Chiyoda-ku Tokyo,
101-0047 Japan
TEL +81-3-3292-8685
https://www.kusumoto.co.jp/en/

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