

Additives for coatings and printing inks
DISPARLON[®]

November 2024

DISPARLON[®] 4200-10

(Thixotropic agent)

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

ADVANTAGES

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

APPLICATIONS

DISPARLON[®] 4200-10 can be used in a wide range of solvent-borne systems and is highly recommended for automotive metallic coatings.

INCORPORATION

- Additive levels : 1.0 – 5.0 wt% on total formulation.
The optimal additive level should be determined under an actual use condition.
- 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 deg.C.
Filtration process is necessary to remove coarse particles such as dried pieces of the product.

TYPICAL PROPERTIES

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

Appearance	Milky white liquid
Non-volatile matter	10 %
Density (20 deg.C)	0.87 g/cm ³
Solvent	Xylene

STORAGE

- Do not heat. Store below 40 deg.C. Heating causes degradation of quality and performance.
- Flowability may decrease at low temperatures. In this case, shake the container.



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