

ASTRA DISP 3506

Dispersant

Description

ASTRA DISP 3506 is a high molecular weight polymer dispersant with acidic groups designed for BMC and SMC systems. It has excellent wetting ability and could act as anti-settling agent. ASTRA DISP 3506 could significantly decrease the viscosity and improve dispersing of inorganic pigments and fillers. It is particularly effective in dispersion of titanium dioxide in pastes with high pigment content. It also provides great anti-flocculation properties to the pigment paste and so improve storage stability.

Physical and Chemical properties

Ingredient: Block copolymer with acidic groups

Appearance: Light yellow transparent liquid

Active part: 100%

Specialty

1. ASTRA DISP 3506 is suitable for systems with various polarity. But it is particularly suitable for medium- and high-polarity systems such as SMC, BMC. It could advance wetting and dispersing of pigments and fillers, decrease the viscosity of the system, improve the fluidity and shorten the dispersing time.
2. ASTRA DISP 3506 contains acidic pigment affinity groups, so it wouldn't react with the acid catalyst in coil coating systems and affect the appearance.

Application System and Dosage

ASTRA DISP 3506 is suitable for all solvent-borne systems.

Usually, it is recommended to introduce the additive before the dispersion stage during the manufacture with 2% to 4% dosage upon TiO₂ and with 1% to 5% dosage upon other inorganic pigment.

Package

25kg plastic pail.

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