

ASTRA DISP 3706

Dispersant

Description

ASTRA DISP 3706 is a macromolecular hyper-dispersant produced by controlled radical polymerization (CRP). It has excellent wetting and dispersing ability of various organic pigments and carbon black. It has great ability to prevent flocculation of the grinded pigment paste and to provide storage stability of the paste.

Physical and Chemical properties

Ingredient: Copolymer with pigment affinity groups

Appearance: Yellow transparent liquid

Active part: 50%

Solvent: Mix with dibasic ester

Speciality

1. ASTRA DISP 3706 is suitable for medium polarity systems, it has good compatibility with most of common resins.
2. ASTRA DISP 3706 could improve the wetting and dispersion of pigments and fillers, decrease the viscosity, improve the fluidity and shorten the grinding stage time.

Application System and Dosage

ASTRA DISP 3706 is suitable for 2K PU, alkyd, acrylate and polyester systems, amino baking varnishes and other solvent-borne systems.

Usually, the additive should be introduced before the grinding stage during the manufacture with 5 - 15% dosage upon inorganic pigments, 30 - 50% dosage upon organic pigments, 50 - 150% dosage upon carbon black.

Package

25kg metal pail.