

Dispersant Tech-58170

Description

Tech-58170 belongs to a high molecular weight super dispersant containing multiple anchoring groups, which has excellent wetting and dispersing ability for various organic pigments. It can greatly reduce the operating viscosity of the grinding system, increase the pigment content in the color paste, and have strong ability to prevent flocculation and coarsening. It can greatly improve the storage stability of the ground color paste, and the single color paste ground is not easy to float during color adjustment.

Physics and Chemical properties

Ingredient: Polymer block copolymer solution containing pro pigment groups

Appearance: Brown transparent liquid

Content: 30%

Solvent: mixed dibasic esters

Specialty

1. Tech-58170 is suitable for medium polarity systems and has good compatibility with commonly used coating resins. It has good versatility in coating systems..
2. Tech-58170 significantly improves the wetting and dispersing ability of the base material on pigments and fillers, reduces system viscosity, enhances fluidity, shortens grinding and dispersion time, and works better when used in combination with pigment derivative viscosity reducers.
3. Tech-58170 belongs to the polymer type super dispersant, which has excellent ability to prevent back coarsening. Compared with small molecule wetting dispersants, it can greatly extend the storage stability of ground color paste.

Application System and Dosage

Suitable for solvent based coatings such as two-component polyurethane, alkyd, acrylic ester, polyester, amino baking paint, etc

The amount of addition varies according to different usage systems, ranging from 10% -15% for inorganic pigments, 30% -60% for organic pigments (depending on the specific surface area of the pigment), and 30-100% for carbon black.

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For research and development purposes only, there is no warranty of any kind, so please test its suitability in advance.

■ **Shanghai Company –**

Address: 5th Floor, Building 11, Shanghai Zhi Cheng, Lane 8666, Hunan Road, Pudong New Area, Shanghai

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MSDS/TDS: www.tech-polymer.com.cn



Package

25kg metal pail.

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