

Dispersant Tech-5862

Description

Tech-5862 belongs to a high molecular weight super dispersant containing multiple anchoring groups. It has excellent wetting and dispersing ability for various organic pigments, especially carbon black. It can greatly reduce the operating viscosity of the grinding system, increase the pigment filling amount, and have strong ability to prevent flocculation and coarsening. It can greatly improve the storage stability of the ground color paste, and the coloring of the ground monochrome color paste is not easy to float.

Physics and Chemical properties

Ingredient: copolymer containing pigment-affinity groups

Appearance: Yellow transparent solution

Content: 30%

Solvent: Mixed binary ester

Specialty

- ◆ Tech-5862 is suitable for medium to high polarity systems and has good compatibility with commonly used coating resins. It has good versatility in coating systems.
- ◆ Tech-5862 can significantly improve the wetting and dispersing ability of base materials on pigments and fillers, reduce system viscosity, enhance flowability, and shorten grinding and dispersion time
- ◆ Tech-5862 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 medium to high polarity systems, the amount of addition varies depending on the system used. For inorganic pigments, the amount is 10% -15%, for titanium dioxide it is 5-6%, for organic pigments it is 30% -50%, and for carbon black it is 70% -100% (depending on the specific surface area of the pigment).

Package

25kg

TECH Polymer

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附：本说明书的目的在于提供涂料、油墨等技术人员以基本产品信息，
仅供研发参考使用，不具有任何保证性质，请预先测试其适用性。



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