

KEPERDISP®-604 Wetting dispersant

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Controlled flocculation Wetting & Dispersing agent

Product type

multiple carboxylate of amide

Product usage

Dispersant for inorganic pigment in solvent system

Physical data

1. Effective ingredient: Salt of polyamine amide with multiple acids
2. Appearance: Light yellow-brown with a clear liquid
3. Content: 50±2%
4. Specific gravity: about 1.00(25°C)
5. Solvent: Propylene glycol methyl ether / xylene

Product features

1. Controlled flocculation of pigments, generally used in primers. Effectively reduce sagging and pigment precipitation.
2. Provides moderate thixotropy, thixotropy becomes stronger as the polarity of the system decreases. and does not affect leveling, especially suitable for use in PCB inks.
3. Has no adverse effect on the water resistance of the coating.

Suggested dosage

According to the supply type,
For the total amount of titanium dioxide: 0.5-1%
For the total amount of inorganic pigments: 1-5%
For the total amount of organic pigments: 10-50%
For the total amount of bentonite: 10-30%
The best dosage needs to be obtained through testing

Add methods and precautions

- 1, Generally not directly added to epoxy resin
2. Dispersant should be added to the resin in the grinding stage, dispersed to fully dissolved, and then pigment powder added, and ground after medium and high speed dispersion

Scope of application

Dispersing inorganic, organic pigments and bentonite activationsolvent resin systems. Suitable for PCB inks.

Safety Instructions

Refer to the MSDS

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Packing specifications

- 1、 25KG,180 KG iron bucket
- 2、 Sample:60ml glass bottle

Transportation and storage

- 1、 Containers should be sealed during transport and storage, and no freezing and ambient temperature lower than 40°C .
- 2、 The shelf life is 2 years, starting from the date of production.

The content of this information is based on our current knowledge and experiments, Since we cannot test the nature of this product, especially mixed products from other suppliers, therefore, we remind you that prior to formal use, you should test your performance to meet your requirements. We reserve the right to make technical improvements and changes to this product, and all the information contained in this information is not in the nature of any legal guarantee.