

KEPERDISP®-642 Wetting dispersant

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Polyurethane polymer wetting dispersant

Product type

High molecular weight polyurethane solution

Product usage

Disperse inorganic pigments, organic pigments, titanium dioxide, Matting powder, iron oxide.

Physical data

1. Effective ingredient: polymers containing pigment anchor groups
2. Appearance: light yellow transparent liquid
3. Content: 50±2%
4. Specific gravity: about 1.01(25°C)
5. Solvent: xylene/PMA

Product features

1. Universal dispersant, used for inorganic, organic pigments, titanium dioxide dispersion
2. Effectively reduce the system viscosity, improve the coating luster and fresh reflection
3. The ground titanium white pulp is not easy to float in color mixing, and it also has a good color display for organic pigments
4. In the matte paint can improve the transparency of the film, dilution anti-settling is good
5. It can be used as a dispersant for the cogrinding of organic and inorganic pigments

Suggested dosage

According to the supply type,
For the total amount of titanium dioxide: 1-5%
For the total amount of inorganic pigments: 5-15%
For the total amount of organic pigments: 20-40%
For the total amount of carbon black : 30-60%
The best dosage needs to be obtained through testing

Add methods and precautions

Dispersant should be added to the resin in the grinding stage, dispersed to fully dissolved, and then pigment powder added, and ground after medium or high speed dispersion

Scope of application

Suitable for solvent system inorganic, organic pigment, titanium dioxide dispersion and mixed pigment dispersion

Safety Instructions

Refer to the MSDS

Packing specifications

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

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Transportation and storage

- 1、Containers should be sealed during transport and storage, and no freezing and ambient temperature lower than 40°C are required;
- 2、The shelf life is 3 year, 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.