

HH2023 Water-based hyperdispersant

It is a high molecular weight dispersant suitable for the production of universal color pastes in water-based resin-free systems.

Product Data

Composition:

Hydrophilic acrylic polymer block copolymer.

Typical Properties:

Appearance: light yellow liquid

PH value: 8

Active ingredient: 40%

Ionic form: anionic

Viscosity: 300~600 (mPas/25°C)

Diluent: deionized water, ethanol, propylene glycol, etc.

Type: HH2023

*.The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Applications

Special Features and Benefits:

It has excellent fluidity, excellent color development, reduced viscosity, long-term pigment dispersion storage stability, and good compatibility with various water-based systems. This product does not contain APEO and VOC.

Recommended Use:

Suitable for carbon black, organic and inorganic pigments, with (without) resin dispersion grinding, used in water-based printing inks and water-based industrial coatings.

·Addition amount

Inorganic pigment: 5%~10%

Carbon black: 20%~30%

Organic pigment: 20%~30%

* 、 The above figures are the amount of pigment, and the optimal dosage needs to be determined through a series of tests.

Instructions for use

In order to obtain the best performance, the additives should be added to the grinding material first, and then the pigments. Premix the resin and solvent components of the grinding material, and then slowly add the additives under constant stirring. Do not add the pigment before the additives are mixed evenly.

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