

HH2021 Water-based hyperdispersant

It is a water-based dispersant of acrylic polymer block copolymer with controlled free radical polymerization. It is suitable for the production of universal color paste in water-based resin-free system.

Product Data

Composition:

Hydrophilic polymer block copolymer.

Typical Properties:

Appearance: transparent viscous liquid

Molecular weight: 18000

Solid content: 60%

PH value: 7±0.5

Viscosity: 10000~15000 (cps/25°C)

Diluent: deionized water, ethanol

Ionic characteristics: anionic

HLB value: 12 (4-20-30)

Type: HH2021

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

Applications

Special Features and Benefits:

For organic and inorganic pigments, it has excellent fluidity, high gloss, high tinting strength, can be used as high solid color paste, has long-term pigment dispersion storage stability, and has good compatibility with various water-based systems. This product does not contain APEO and VOC.

Recommended Use:

For water-based wood coatings, water-based metal paints, leather color pastes, water-based gravure inks, inks.

•Addition amount

Inorganic pigments and fillers: 10%~20%



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Organic pigments: 20%~30%

Carbon black: 20%~30%

*. The above numbers are the amount of pigment, 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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