

• HH2595X Water-based dispersant

It is used as a wetting dispersant for the production of water-based general color paste, printing ink, nano color paste, nano wet grinding of inorganic powder, and water-based industrial paint system color paste and pesticide powder.

• Product Data

Composition:

Acrylic acid high molecular weight copolymer containing pigment affinity groups.

Typical Properties:

Appearance: light yellow transparent liquid

Odor: odorless

Effective content: 50%

Ion: anion

PH value: 7

Solvent: water

Viscosity: 5000~10000 mPas (25°C)

Molecular weight: 20000

Acid value: 50

Type: HH2595X

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

• Applications

Special Features and Benefits:

For resin-free grinding, it can strongly reduce the viscosity of the color paste, high gloss, thermal stability, increase the tinting power of the pigment, shorten the grinding time, and is a highly cost-effective water-based dispersant.

• Recommended Use

1. Grinding of ink color paste. Wet grinding of nano slurry.
2. Nano wet grinding of industrial coatings, leather color paste, inorganic powder.
3. Water-based printing ink (flexo, gravure).
4. Water-based pigment high-content resin-free system color paste, wet grinding of pesticide powder and other fields.

• Addition amount

Total amount of organic pigment: 15%~30%

Inorganic pigment: 5%~10%

Transparent pigment with high specific surface area: 30%~40%

*. The above data are the dosage ratios in the formula(% of pigment amount). 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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