

• HH-2027 Water-based dispersant

It has high dispersing and grinding efficiency for inorganic pigments and fillers, good gloss, excellent water resistance, low foaming, good anti-settling effect, and can obtain high-concentration slurry with low viscosity with a small addition amount.

It is used for inorganic powder series materials not listed, such as iron oxide series, aluminum oxide, cerium oxide, titanium dioxide, etc., and can also be used for the dispersion of matting powder.

• Product Data

Composition:

It is a polyoxyethylene-styrene polymer dispersant.

Typical Properties:

Appearance: colorless to light yellow liquid

P H value: 7~8

Solid content: 50%

Density: 1.1 ± 0.05 g/cm³

Molecular weight: 5500

Ionicity: anionic

Solubility: easily soluble in water

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

• Applications

Special Features and Benefits:

Due to the growth of the solvation chain, the dispersant itself has better compatibility with various resins in water-based systems and better stability in water-based paint systems. It has good color concentration for dispersed organic pigments and has excellent dispersing effect on satin white composite pigments with poor flowability.

Recommended Use:

Used in coatings, inks, industrial paints and other application fields.

• Addition amount

According to the formula amount: 0.4%~3%

*. The above data are the dosage ratios in the formula. The optimal dosage needs to be determined through a series of tests.

• Instructions for use

To achieve the best performance, the additives should be added to the grind first,

followed by the pigment. Premix the resin and solvent components of the grind, then slowly add the additives while stirring. Do not add the pigment until the additives are well mixed.

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