

• HH2690 Water-based dispersant

• Product Data

Composition:

It is a hydrophobic-hydrophilic amphiphilic acrylic block polymer synthesized by reversible addition-fragmentation chain transfer, free radical polymerization (RAFT).

Typical Properties:

Appearance: clear light-colored viscous transparent liquid

Viscosity: 25°C Test Coating4#cup>350'

PH value: 8

Molecular weight: about 20,000

Solvent: deionized water, ethanol, DPM

VOC: does not contain

Solid content: 50%

Amine value: about 20 mg KOH/g

Type: HH2690

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

• Applications

Special Features and Benefits:

It is particularly suitable for the dispersion of organic and inorganic pigments and powders, and shows wide compatibility with many water-based resin systems and alcohol ether solvents. The grinding time is short and nano-level slurry can be ground; low viscosity, excellent color development performance, and good thermal storage stability. This product does not contain APEO and VOC.

• Recommended Use

The dispersed slurry has a wide range of applicability, and the grinding covers the dispersion of organic and inorganic pigments, other inorganic powders with high specific gravity, and fillers. It is an excellent dispersant for the production of pigment concentrates with and without resin systems, and inorganic powder water-based slurries.

• Addition amount

Inorganic pigments 3-5% (formulation amount)

*. 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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