

• HH-2000E Ink dispersant

Used in water-based acrylic and water-based polyurethane ink color paste systems (including resin grinding), it improves the gloss and leveling of the color paste, while giving the color paste excellent fluidity and color development.

• Product Data

Composition:

Copolymer with pigment affinity groups mixed with aqueous solution.

Typical Properties:

Appearance: colorless or light yellow liquid

Specific gravity: 1.0 (25°C)

Viscosity: 500~600 (25°C, mPa • s)

Active content: 45%

PH: 7.5 (stock solution)

Ionicity: non-ionic

Solubility: soluble in water, ethanol, PM

Refractive index: 1.375~1.395 (25°C)

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

• Applications

Recommended Use:

Applicable for dispersing carbon black and azo and phthalocyanine pigments, used for preparing water-based plastic ink paste, water-based cigarette package ink paste, narrow-width flexographic ink paste and other pastes.

• Addition amount

Recommended Levels:

Resin grinding:

Organic pigment 3%~5%

Inorganic pigment: 1~2%;

*. 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



HH-2000E

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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 continuous stirring. Do not add the pigment before the additives are evenly mixed.

Reference formula:

Carbon black: 35%
HH2000E dispersant (total formula): 8%
Propylene glycol: 2%
AMP95: 1%
DF69 defoamer: 0.2%
Water: 45.7%
Preservative: 0.3%
Total: 100%

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