

## HH2090 Low polarity powder - Dispersant

### Product Data

#### Composition:

Water-soluble polymer containing pigment-affinity groups.

#### Typical Properties:

Appearance: colorless low viscosity liquid

Specific gravity: 1.01 (25°C)

Viscosity: 100~500 (25°C; mpa.s)

PH value: 5~7 (stock solution)

Ionic type: non-ionic

Solvent: water

VOC&APEO: does not contain

Type: HH2090

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

### Applications

#### Special Features and Benefits:

1. Excellent viscosity reduction effect, which has a good effect on reducing the viscosity of wax powder, increasing the content, and good fluidity.
2. It has a strong wetting effect on low polar organic powders, making them quickly soluble in water.
3. Produce stable dispersion slurry and can be ground.

#### Recommended Use:

For aqueous dispersion and grinding of low-polar wax powder, zinc stearate, aluminum stearate and other powders.

### •Addition amount

For powder amount: 5~10%

\*, the above data is the powder dosage, and 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 (liquid first and then powder). Premix the resin and solvent components of the grinding material, and then slowly add the additives under constant stirring. Do not add pigments before the additives are mixed evenly.

### Reference formula:

PE wax powder: 40%

HH2090 dispersant: 2-4%

Cellulose: 0.5%

Defoamer: 0.1%

M E A: 0.1

Deionized water: make up to 100%

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