

• HH-2019 Dispersing agent

A nonionic block polymer (without amino group) composed of hydrophilic polyether segments and multi-electron hydrophobic components. The unique composition has a strong affinity for various interfaces. It strongly adsorbs pigments and filler surfaces and has good pigment wetting and dispersibility.

• Product Data

Composition:

Hydrophilic polyether block polymer.

Typical Properties:

Appearance: light-colored transparent liquid

Specific gravity: about 1.01 (25° C)

Intrinsic content: 50%

Solvent: water, ethanol, PM

Viscosity: about 1000mpa.s (25° C)

Ionic properties: non-ionic

pH value: 2-3

Molecular weight: 6500

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

• Applications

Recommended Use:

It has excellent performance in dispersing micro-nano silicon powder and inorganic powder (such as rutile titanium dioxide) and is used for grinding water-based color paste.

• Addition amount

Recommended Levels:

- Coating: 3%~5%
- Without resin: 8%~12%
- With resin: 3%~5%

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

• Incorporation and Processing Instructions

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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Houhuan Chemical (Guangdong) Co., Ltd.

Tel: +86 020 82020 897

Emergency contact: +86 135 7011 0115

Factory Address: Building 30, Lot C04-01, Wanyang Industrial Park, Wengyuan County, Shaoguan City, Guangdong Province, China

E-mail: hh@gdhhx.com

Facebook: <https://www.facebook.com/profile.php?id=100055371593374>

X-Twitter: <https://x.com/HHDispersants>

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