

## • HH2003 Rare Earth Dispersant

This is a dispersant for making high-solid content water-based rare earth slurry.

## • Product Data

### Composition:

Polymer block copolymer containing pigment affinity groups.

### Typical Properties:

Appearance: Colorless or light yellow viscous liquid

Solid content: 50%

P H value: 7.0 (stock solution)

Ionicity: Anionic

Type: HH2003

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

## • Applications

### Special Features and Benefits:

It can make high-solid content and low-viscosity water-based rare earth dispersions, easy to grind and disperse, and can make nano rare earth slurry. The ground rare earth slurry has excellent storage stability, no coarsening, and short grinding time for making nano slurry.

## • Recommended Use

It is a super dispersant specially developed for water-based rare earth grinding and dispersion.

## • Addition amount

Rare earth: 5%~10%

Inorganic pigment: 5%~10%

\*. 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

In order to obtain the best performance, deionized water should be added to the additives and grinds and mixed evenly before adding pigments. Premix the resin and solvent components of the grinds first, then slowly add the additives under constant stirring. Do not add pigments before the additives are mixed evenly.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

**Guangzhou Houhuan Chemical Auxiliary 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@gdhhhx.com

Facebook: <https://www.facebook.com/profile.php?id=100055371593374>X-Twitter: <https://x.com/HHDispersants>YouTube: <https://www.youtube.com/@HH-Dispersant>Pinterest: <https://www.pinterest.com/gdhhhx311>