

• HH-2176W Dispersing agents

It is a wetting and dispersing agent for water-based printing inks and coating systems. It is used for grinding resin-containing materials. It can strongly reduce the viscosity of the color paste, provide high gloss, be stable in thermal storage, increase the tinting power of the pigment, and shorten the grinding time. It is a highly cost-effective water-based dispersant.

• Product Data

Composition:

Polyoxyethylene-polyoxypropylene copolymer.

Typical Properties:

Appearance: colorless transparent liquid

Odor: odorless

Solid content: 40%

Viscosity: 500~1000 mPas (25°C)

PH value: 6-7

Molecular weight: about 6000

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

• Applications

Recommended Use

1. Grinding of resin-containing ink color paste.
2. Industrial coatings and leather color paste coatings containing resin.
3. Water-based printing inks (flexographic plate, gravure).
4. Water-based pigment high-content resin system color paste.

Note: This instruction manual is for reference only and does not have any guarantee properties. Please test its applicability in advance.

Recommended Levels

The recommended amount of grinding resin in the formula is 20%~30%, and the dispersant is 2~5% (formula amount). Please do a step test for the specific

optimal dosage.

*. The above data are empirical dosages, and 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.

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.

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