

Acrylic copolymer emulsion

Technical Data Sheet

Name: Wantipro® 0676
Revision Date: 2017-12-21

NO.IC_025
Version: 1.1

Product Description

Wantipro® 0676 is an anionic hydroxylated styrene acrylic copolymer emulsion. It is recommended to use with amino resins for baking coatings, which requires high gloss, good hardness and outstanding solvent resistance. Biocide: CMIT/MIT 3:1 49ppm, and MIT 240ppm.

Properties

1. Excellent resistance to boiling water
2. High gloss, high hardness
3. Excellent solvent resistance
4. Excellent recoatabilit

Note: Be sure to adjust the pH of Wantipro® 0676 over 7 with the pH adjustment in use.

Characteristic data*

Property	Value	Unit	Method
Appearance	Translucent to milky white		
Weight Solids	47±1	%	WHPU/T 011-571-2017
pH	3.5-5.5		GB 6920-1986
Viscosity	10-1000	mPa·s	Brookfield,LV,62#,30rpm,25°C
MFFT	40-42	°C	GB/T 9267-2008
OH content	1.3	%	Calculated on solid resin
Density	1.04	g/cm ³	GB/T 4472-2011

*These properties are typical but do not constitute specifications.

Handling and Precautions

When used with amino resin in baking paint, please make sure the pH of the Wantipro® 0676 mill base is above 7.0 prior to adding in the amino resin. If not, paint stability problems could be observed in less than 24hrs.

Storage

Wantipro[®] 0676



The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.