

Aqueous modified polyurethane dispersion

Technical Data Sheet

Name: Crysol® 6140
Revision Date: 2017-12-18

NO.IC_024
Version: 1.1

Product Description

Crysol® 6140 is an aliphatic modified polyurethane dispersion designed for floor, metal and plastic coatings, alkyl Phenyl Ethoxylate, NMP and tin free. Approx. 40% in water / N-Ethyl-2-pyrrolidone in the ratio approx. 52 : 8, neutralized with approx. <1% triethylamine.

Properties

1. High hardness, high flexibility
2. Rapid drying
3. Good property of film forming
4. Outstanding wear resistance

Characteristic data*

Property	Value	Unit	Method
Appearance	Translucent to milky white		
Weight Solids	40±1	%	WHPU/T011-571-2017
pH	7.0-9.0		GB 6920-1986
Viscosity	10-200	mPa·s	Brookfield, LV, 61#, 30rpm, 25°C
MFFT	<5	°C	GB/T 9267-2008
Density	1.04	g/cm ³	GB/T 4472-2011

*These properties are typical but do not constitute specifications.

Storage

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 6 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

Wanhua Chemical Group Co., Ltd.

Crysol[®] 6140



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.