

Water Dispersible Polyisocyanate

Technical Data Sheet

Product Name : SF-601

TDS NO. : WHSM_SF601

Revision Date : 2020-07-16

Version : V 1.2

Product Description

SF-601 is a water dispersible HDI polyisocyanate hardener, it has excellent hand mixing ability and good matting effect, it is recommended to be used in water-based 2K matting coatings.

Properties

1. Excellent hand mixing ability
2. Good matting effect
3. High NCO content
4. Excellent yellowing resistance

Characteristic Data*

Property	Value	Unit	Testing method
Appearance	Colorless to yellowish transparent liquid		
NCO content	22.5±0.5	%	GB/T 12009.4-2016
Viscosity	1500-3500	mPa·s	Brookfield LV, 63#/30rpm,25°C
Color APHA	< 80		GB/T 1722-1992
HDI monomer	≤ 0.02	wt%	GB/T 18446-2009
Flash point	≈196	°C	GB/T 5208
Density	≈1.16	g/ml	GB/T 4472-2011

*Property values represent typical results only and are not to be considered as specifications, subject to specific COA

Storage

The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The shelf life of the product is 12 months since produced, performance assessment is recommended before use beyond shelf life. The product should be protected from freezing during storage. Water dispersible polyisocyanate is very sensitive to moisture and will react with water to produce carbon dioxide which will cause pressure increasing of container. Please keep the container tightly closed to avoid the accessing of water in all forms. Once open the packing, it is suggested to use up as soon as possible.

SF-601



Disclaimer: Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for 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.

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