

Technical Data Sheet

Name: Crysol 6136
Revision Date: 2023-2-16

NO.WHSM_6136
Version: 1.5

Product Description

Crysol 6136 is an acrylic modified polyurethane dispersion used to metal pretreatment coatings/ plastic coating with excellent chemical resistance. **Crysol 6136** is effective for high performance applications where hardness, alcohol resistance, weather resistance and adhesion are required. It can be combined with amino resin or blocked isocyanate and other crosslinking agent/adhesion promoter to improve adhesion. **Crysol 6136** does not contain formaldehyde or ethoxylated alkylphenol (APEO),NMP, NEP. Biocide: CMIT/MIT 3:1 12ppm, and MIT 100ppm.

Properties

1. Excellent alcohol(95%Ethanol wipe) /water resistance
2. Excellent adhesion to a variety of plastic substrates(PC, PC+ABS, ABS, PS etc.)
3. Excellent weather resistance
4. Excellent mechanical stability.

Characteristic data^{*}

Property	Value	Unit	Method
Appearance	Milky white liquid		
Weight Solids	40±1	%	GB/T 2793-1995(150°C 20min)
pH	7.0-9.0		GB 6920-1986
Viscosity	10-500	mPa·s	Brookfield,LV,62#,60rpm,25°C
MFFT	>60	°C	GB/T 9267-2008
Density	1.06	g/cm ³	GB/T 4472-2011

^{*}These properties are typical but do not constitute specifications.

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 validity of this product is for 6 months, performance assessment is recommended before use after shelf life. The

Crysol 6136



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 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.