

Aqueous polyurethane dispersion

Technical Data Sheet

Name: Crysol® 6512
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NO.IC_070
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Product Description

Crysol® 6512 is an aliphatic, hydroxyfunctional polyurethane dispersion that is used as a binder for the formulation of soft-feel coatings, especially suitable for the plastic shell of mobile phones, laptops, mouse or other electronic products.

Biocide: CMIT/MIT 3:1 49ppm, and MIT 100ppm.

Properties

1. Soft feel.
2. Outstanding wear resistance.
3. Excellent adhesion.
4. Good durability.

Characteristic data^{*}

Property	Value	Unit	Method
Appearance	Translucent to milky white		
Weight Solids	48±1	%	WHPU/T011-571-2017
pH	7.5-9.5		GB 6920-1986
Viscosity	50-1000	mPa·s	Brookfield, LV, 63#, 100rpm, 25°C
OH%, to solid	1.5	%	
Density	1.04	g/cm ³	GB/T4472-2011

^{*}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.

Crysol[®] 6512



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