

Aqueous modified polyurethane dispersion

Technical Data Sheet

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TDS NO: WHSM_4218

Name: Lacper[®] 4218

Version: V 1.2

Product Description

Lacper[®] 4218 is an aliphatic polyurethane dispersion, it is specially developed for low odor waterborne wood coating. It has low odor both in wet film and dry film, At the same time, It has good wetting ability on wood substrate, also has good film building, film clarity and wood warming effect. It is recommended to be used in the preparation of water-based 1K wood coating, and can also be used in combination with water-based curing agent to prepare low odor water-based 2K wood coating. The product contains no solvent, APEO and Organotin. Less than 1% DMEA is used as neutralizing agent. Bactericide: CMIT: MIT=3:1 14ppm, BIT: 200ppm.

Properties

1. Low odor
2. Fast film hardness development
3. Good wetting/clarity/wood warming
4. Good chemical resistance

Characteristic data*

Property	Value	Unit	Method
Appearance	Translucent to milky white		
Weight solids	39-41	wt%	WHPU/T011-571-2017 (5cm,150°C,20min)
pH value	7.0-9.0		GB 6920-1986
Viscosity (25°C)	10-500	mPa·s	GB/T2794-2013(Brookfield LV,62#/30rpm)
MFFT	39	°C	GB/T 9267-2008

*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 validity of this product is for 6 months, performance assessment is recommended before use after more than 6 months. The product should be protected from freezing during storage. After opening the packing, suggested to use up one time. Well filtration before using is necessary as normal water based binder.

Lacper[®] 4218



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