

Aqueous oil modified polyurethane dispersion

## Technical Data Sheet

Product Name : Lacper<sup>®</sup> 4101

TDS NO. : WHSM\_4101

Revision Date : 2020-01-10

Version : V 1.1

### Product Description

**Lacper<sup>®</sup> 4101** is an aqueous oil modified polyurethane dispersion. It has good wetting ability on wood substrate, also has good film building, film clarity and wood warming effect. When used in water base 1K or 2K coatings, it shows very fast film hardness development, it also has good adhesion on different substrate such as PU/PE/UV/melamine. It has good stability and compatibility with ethanol and dyes when used in shading stain. The product contains no solvent, APEO and Organotin. Less than 1% TEA is used as neutralizing agent. Bactericide: CMIT:MIT=3:1 12 ppm, MIT: 100ppm.

### Properties

1. Good wetting/clarity/wood warming.
2. Fast film hardness development.
3. Good adhesion on different substrate.
4. Good stability/compatibility with solvent/dye.

### Characteristics Data\*

Property	Value	Unit	Method
Appearance	Translucent to milky liquid		
Weight solid	34-36	wt%	WHPU/T011-571-2017 (5cm,150°C,20min)
pH value	7-9		GB 6920-1986
Viscosity(25°C)	10-500	mPa·s	GB/T 2794-2013, Brookfield LV,62#/30rpm
MFFT	49	°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, it is suggested to use up one time. Well filtration before using is necessary as normal water based binder.

# Lacper<sup>®</sup> 4101



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