

## PU LM Clear Base

### General

PU LM Clear Base is a printing paste used in polyurethane-based textile printing applications to achieve an elastic and soft key printing effect. It can be used transparently or colored with pigments inside.

### Advantages

- It does not block the mold when used as recommended. Dry-age rubbing and washing are high.
  - Provides flexible, soft-touch prints.
  - PU LM Clear Base is fixed at (280°F-302 °F /140°C – 150 °C) , 2 – 2.5 mins ;
  - 320°F-340 °F 160°C-170°C) , 1,5 – 2 mins.
  - It is recommended to be fixed.
  - Conforms to ecological standards.
- For better results, the pressure's rubbing and washing tests should be performed 24 hours after the fixation

### Applications

- PU LM Clear Base; Hybrid HM Clear mixes with Hybrid LM White and PU LM Clear at all rates.
- PU LM Clear Base does not reduce the color poppy of the material that is mixed with it.
- allows printing with silk molds in the 43-62 mesh range.
- 60-70 Shore must be used with a U-type racoon

### Usage

- It is advised to mix with RD White.
- It provides to print with the silk-screen that are made between 43-62 mesh.
- 50 – 60 Shore U type should be used.

### Storage & Shelf Life

- Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30)°C /(+41)-(+86)°F of temperature.
- It should be consumed within 2 years after the production date.

## Technical Details



**Appearance**  
Paste



**Odor**  
Characteristic



**Color**  
Clear



**Viscosity**  
[[77°F/25°C) sp:7,rpm:20 Brookfield] : 75.000 – 95.000 [mPa.s]



**Density**  
1,047 g/cm<sup>3</sup> (25 °C/77 °F)



**pH**  
8,0 – 8,5



**Boiling Point**  
>100°C (212°F)



**Solubility**  
Soluble with water

**Explosion Hazard**  
It is not explosive



**Packaging Information**  
PU LM Clear Base is packed in 1/5/10/20/30 kg blue polyethylene cans

## Important

The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use. When any help or assistance is required, our technical department is ready for help. Printing performance and the quality may change with different company and application conditions. So please begin your printings serial process after completing your own trial tests.

In case of emergency, Safety Data Sheet of this product should be ready for help at the working area. The warnings are given on safety data sheet of this product is for use outside the manufacturer/ distributor to direct/indirect can not be held responsible for any loss or damage.

Rev. DATE: 28 January 2026  
Rev. No: 00