

## PU Premium LM Clear Base

### General

PU Premium 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

- Dry-age rubbing and washing fastness are high if the idea is achieved under the recommended conditions.
- It does not dry out and clog during production.
- The resulting prints are soft and elastic.
- It complies with ecological standards.
- Friction and washing tests of the pressure should be carried out 24 hours after fixation.

### Applications & Usage

- PU Premium LM Clear Base is built for high-screen and thin templates.
- PU Premium LM Clear Base, 140°C–150 °C, 2–2.5 mins; 160°C–170°C, 1,5–2 mins.; it is advisable to fix it.
- It allows printing with silk molds in the range of 43-62 mesh.
- 55-60 Shore, U type rackle should be used.
- Water should never be used to reduce viscosity. Mix well before use. No additives that are not recommended during their use should be used.
- Silk printing molds should be cleaned with water and sponge after use.
- PU Premium LM Clear Base; PU White and PU Clear mixes at all rates.
- PU Premium LM Clear Base does not reduce the color poppy of the material that is mixed with it.
- PU Premium LM Clear Base does not reduce the color fastness of the material mixed with it.

### Storage & Shelf Life

- Keep containers dry and tightly closed. Store in a ventilated place at room temperature.
- It should be consumed within 2 years after the production date.

## Technical Details



**Appearance**  
Pasta



**Odor**  
Characteristic



**Color**  
Yellowish



**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 Premium 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.

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