

## Eco PL Puff Base

### General

An ecologic, PVC and phthalate free plastisol for getting puff effect. It is generally used together with white and clear bases

### Advantages

It provides

- elastic, soft-hand-feel
- very smooth puffed surface effect like suede plastisol puff
- high washing fastness
- It doesn't peel off from fabric
- It doesn't spill after the print

### Applications & Usage

- Eco PL Puff Base has been manufactured for puffed prints
- There are different types which puffed at low and high temperature.
- Never use water to reduce viscosity.
- Do not use any additives that are not advised.
- It is fixed at 160-170 °C; 1,5-2 mins.
- Flash Curing: ~3-5 sec.
- It is advised to use with 43-62 mesh silk-screen plates.
- 60 – 80 Shore, U type dr. blade should be used.
- Before usage, please stir the product well.
- After using, the screen should be cleaned with the synthetic thinner.

### 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) sp: 91, rpm: 2 Brookfield ] : 50.000 – 85.000 [mPa.s]



### Density

0,996 g/cm<sup>3</sup> (25 °C/77 °F)



### pH

-



### Boiling Point

>100°C (212°F)



### Solubility

Soluble with water



### Explosion Hazard

It is not explosive



### Packaging Information

Eco PL Puff 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

**ALV KİMYA SANAYİ İÇ VE DIŞ TİCARET ANONİM ŞİRKETİ**

Velimeşe OSB Mah. 2.Yanyol Cad.No:12 Ergene / TEKİRDAĞ

+90 282 676 42 05 [info@alvkimya.com](mailto:info@alvkimya.com)

TDS No: 029 Page 1/1