

## Puff HR 100 M

### General

Low temperature rising puff used in textile printing applications to obtain an elastic and soft touch smooth surface appearance embossing effect by coloring with pigments.

### Advantages

- It is possible to obtain proper & intumescent surface with Puff HR 100 M.
- There are two types intumescent paste as low & high temperature
- It is fixed under the advised conditions.
- Puff HR 100 M has extremely wash fastness.
- It is fixed at 1,5mins ; (320°F /160°C) , 1,5mins.
- Suitable to ecological standards.
- It provides to elastic and soft-handfeel suede puff effect.

### Applications

- Puff HR 100 M has been manufactured for intumescent printings.
- Before use, please stir Puff HR 100 M well. Do not use any additives that are not advised.
- After using, the silk-screen should be cleaned with water.
- Never use water to reduce the viscosity.

### Usage

- It is advise to print with the silk-screen that are made 34-77 mesh.
- 50-70 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.

### 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.

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.

### Technical Details



**Appearance**  
Paste



**Odor**  
Characteristic



**Color**  
Yellowish



**Viscosity**  
(77°F/25°C) sp:7,rpm:20 Brookfield] :  
50.000 – 65.000 [mPa.s]



**Density**  
1,02 g/cm<sup>3</sup> (77 °F/25°C)



**pH**  
7,5 – 8,5



**Boiling Point**  
>100°C (212°F)



**Solubility**  
Soluble in water



**Flash Point**  
>100°C (212°F)



**Packaging Information**  
Puff HR 100 M is packed in  
1/5/10/20/30/60 kg blue plastic  
cans.