

# POLYPRINT PTF-HV Conc.

**High quality thickener for Pigment printing**

## **Properties**

- : - is suitable for thickening pigment printing paste.
- is fine aqueous acrylic copolymer dispersion in high purity mineral oil which disperses readily in water and rapidly produces smooth pastes.
- ensures sharper and better defined prints, color brightness and yield.
- Instantly modifies rheology and viscosity of printing paste formulations.
- is extremely easy to use and can be added directly to printing pastes.
- can be used in full aqueous or part emulsion systems.
- is a standard viscosity and concentrated synthetic thickener developed for pigment printing.
- can be applied with all printing methods (flat, rotary, roller printing) to all types of fibers and blends (natural, synthetics and blends).
- provides high color efficiency, sharpness in the designs, vibrant and bright colors, soft handle, easy usage and good fastness are gained.
- has resistant to the electrolytes.

## **Field of application**

- Substrate** : cotton, polyester/cotton, synthetics
- Aggregate** : printing machines
- Operation** : pigment printing

## Characteristics

<b>Type of product</b>	: APEO and formaldehyde free, anionic polyacrylate inverse emulsion
<b>Ionic nature</b>	: anionic
<b>Appearance</b>	: White, fluid, high-viscosity dispersion
<b>PH of 1% sol.</b>	: 6-8
<b>Density</b>	: 1.13 g/m <sup>3</sup>

## Application

**Dissolving method** : simply add to pure and soft water and stir until the required viscosity is developed.

**Guide recipes** : 1.0–1.2% **POLYPRINT PTF-HV Conc.** related to printing paste in a full aqueous emulsion. It is recommended to add enough 27% ammonia solutions to adjust pH between 8-10. It can prevent premature curing of the binder on long runs with small motifs or metallic pigments.

**Storage stability** : 12 months in the original container and should be stored between 5-35°C.

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities - also with a view to claims of third parties - are excluded.