POLYPRINT PTF Conc.

High quality, high concentration 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 high viscosity and high 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

Type of product : Polyacrylate inverse emulsion

Ionic nature : anionic

Appearance : White, fluid, dispersion

PH of 1% sol. : 7+/- 1

Active content : About 60%

Density : 1.13 g/cm³

Application

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

Guide recipes : 1.0–1.5% **POLYPRINT PTF 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.