



ARGOPRINT® THC

ARGOPRINT THC is an APEO and formaldehyde free, pre-neutralised anionic polyacrylate inverse emulsion.

Specification

	UNIT	VALUE	TEST METHOD
<i>pH</i>		7.0-9.0	DIN ISO 976

Additional Data

These data are used solely to describe the product. They are not subject to constant monitoring or part of the specification.

	UNIT	VALUE	TEST METHOD
<i>MFFT</i>	°C	N/A	ISO 2115
<i>Density</i>	g/cm ³	1.06	ISO 8962
<i>Ionic Charge</i>		Anionic	
<i>Appearance</i>		Whitish, Low-viscosity dispersion	
<i>T_g</i>	°C	N/A	DIN 53 765(DSC)

Recommended Application Areas

Pigment Printing

Application

ARGOPRINT THC is a high quality, APEO free inverse emulsion synthetic thickener for pigment printing with high electrolyte stability, developed specially for the textile printing industry. ARGOPRINT THC is suitable for thickening pigment printing pastes for printing on cotton as well as and synthetic textiles. ARGOPRINT THC can be used in all printing systems (flat screen, rotary screen and roller).

ARGOPRINT THC is designed for a very convenient preparation of pigment printing formulations which can be effectively thickened by direct addition (no need to add ammonia to the printing pastes) to the mixture or it can be used as part of customer's specific thickener stock preparation (with or without ingredients other than the pigment itself.) The perfect effect of ARGOPRINT THC makes it possible to reduce the quantity used. In general 30-34 gr/lit in the printing pastes are used depending on the binders, other additives and on the viscosity required.

ARGOPRINT THC ensures sharper and better defined prints, great dry and wet fastness, high color brightness and yield. It modifies rheology and viscosity of printing paste formulations when added to printing. Please stir before using.



Shelf-life and Storage

The dispersion contains some initial preservatives to prevent attack by micro organisms. In order that the product is also sufficiently protected against microbial contamination during further storage in opened drums or storage tanks a suitable preservative should be added despite our preliminary preservation measures. Checks should be carried out to determine their compatibility and efficacy. The tanks and pipework should be kept adequately clean.

ARGOPRINT THC should not be stored for longer than 12 months before processing as far as possible, storage should be at a uniform temperature in the region of 5-35°C. The product should, in principle, be kept away from frost and direct exposure to sunshine. Furthermore it must be ensured that already opened drums or containers are always tightly closed.

The technical data ascertained by our quality control laboratory at the time of product release may vary according to storage time and storage conditions and may deviate from the stated limits.