



# ARGOPRINT® DP

ARGOPRINT DP is an APEO and formaldehyde free, high concentration anionic inverse polyacrylate emulsion.

## Specification

	UNIT	VALUE	TEST METHOD
<i>pH</i>		6.0-8.0	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 <sup>3</sup>	1.19	ISO 8962
<i>Ionic Charge</i>		Anionic	
<i>Appearance</i>		Low viscosity dispersion	
<i>Tg</i>	°C	N/A	DIN 53 765(DSC)

## Recommended Application Areas

Disperse Printing

## Application

ARGOPRINT DP is a high quality and high concentration inverse emulsion synthetic thickener for disperse printing with high electrolyte stability.

ARGOPRINT DP is suitable for thickening disperse dyes pastes particularly for printing polyester textiles.

ARGOPRINT DP can be utilized in all processes such as flat screen, rotary screen and roller printing system. It is directly added to the paste of printing, so it provides an easy usage.

It is easy to adjust the viscosity and prepare the paste when used ARGOPRINT DP. It gives also higher color efficiency and better contour appearance.

In general 40 gr/kg in the printing pastes are used for direct preparation and 30 gr/kg for stock preparation. Please stir before using.



## Usage Methods

- : Water.....X gr
- Non-Volatile organic acid* .....0.4 gr  
(Citric acid or tartaric acid at pH 3.5/4.0)
- Disperse dyes.....X gr
- ARGOPRINT DP .....40 gr
- Total.....1000 gr

\* To prepare the paste without dyes with 45–50 gr/lit ARGOPRINT DP and after adding the dyes you must increase the quantity.

## 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 DP 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.