



## ARAKRIL<sup>®</sup> ATB

Arakril ATB is an APEO and formaldehyde free anionic-nonionic acrylic copolymer emulsion.

### Specification

	UNIT	VALUE	TEST METHOD
Solids Content (1/2 h 150 °C)	%	40±1	DIN EN ISO 3251
pH		5.0-7.0	DIN ISO 976
Viscosity Brookfield RVDV-II	mPas	50-120	DIN EN ISO 2555

### 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
MFFT	°C	<0	ISO 2115
Density	g/cm <sup>3</sup>	1.05	ISO 8962
Ionic Charge		Anionic-Nonionic	
Film Appearance		Clear and Bright	
T <sub>g</sub>	°C	-5± 2	DIN 53 765(DSC)

### Recommended Application Areas

Textile Pigment Printing

### Application

Arakril ATB is a self cross-linking acrylic polymer emulsion particularly for textile pigment printing. It gives a soft handle at all types of pigment printing. The amount of thickener needed in the printing paste is at the minimum level. It can be used for all types of pigment printing machines (rotational, flat) at all conditions. The required amount of Arakril ATB is 10-15 % in the printing paste.

It is preferred particularly for 1:1 cotton- polyamide mixture fabrics. The wet and dry fastness properties of Arakril ATB are excellent. The dried film of Arakril ATB is transparent and flexible.

The cover of the container should be closed tightly after necessary amount of material is taken to preserve the homogeneity of the material safely.



## 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.

Arakril ATB 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.