



# ARAKRIL® SB 81

Arakril SB 81 is an APEO and formaldehyde free anionic-nonionic styrene acrylic copolymer emulsion.

## Specification

	UNIT	VALUE	TEST METHOD
<i>Solid Content 1/2h 150°C</i>	%	38±1	DIN EN ISO 3251
<i>pH</i>		6.0-8.0	DIN ISO 976
<i>Viscosity Brookfield RVDV-II</i>	mPas	50-350	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
<i>MFFT</i>	°C	<0	ISO 2115
<i>Density</i>	g/cm <sup>3</sup>	1,04	ISO 8962
<i>Ionic Charge</i>		Anionic-Nonionic	
<i>Film Appearance</i>		Clear and Tacky	
<i>Tg</i>	°C	-7±2	DIN 53 765(DSC)

## Recommended Application Areas

Textile Pigment Printing

## Application

Arakril SB 81 is a styrene 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 SB 81 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 SB 81 are at the maximum level.

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 SB 81 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.