

ARAKRIL® AK 546

Arakril AK 546 is an APEO free anionic-nonionic pure acrylic emulsion.

Specification

	UNIT	VALUE	TEST METHOD
Solid Content 1/2h 150°C	%	46±1	DIN EN ISO 3251
pH		6.0-8.0	DIN ISO 976
Viscosity Brookfield RVDV-II	mPas	Max.500	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	7±2	ISO 2115
Density	g/cm ³	1,06	ISO 8962
Ionic Charge		Anionic-Nonionic	
Film Appearance		Clear and Bright	
Tg	°C	16±2	DIN 53 765(DSC)

Recommended Application Areas

Interior & Exterior paints
High Gloss Paints
Varnish and Polish Applications
Shoe Polish Applications
Brick Applications

Application

Arakril AK 546 is a pure acrylic emulsion developed for high performance gloss interior paints applications in various wall coatings due to high adhesion potential and good scrub resistance.

Its pure acrylic backbone is designed to give a high gloss - transparent film effects in the shoe polish and varnish-polish applications.

Due to the acrylate composition of Arakril AK 546 has a good UV-resistant. It can thereby be used in exterior paints providing high resistance to water and weathering conditions.

The dried film of Arakril AK 546 is bright, transparent and medium elastic.



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 AK 546 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.

Due to the film forming ability of the product, it may occur skins. Filtration through a coarse filter before use of the product is recommended.

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.