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Akrikan 106

Akrikan 106 – is APEO-free all-purpose styrene-acrylic dispersion. It is a universal binder for interior and exterior paints, plasters, silicone and silicate based coatings and for nonwovens production.

Chemical Nature

Aqueous dispersion of styrene / n-butyl acrylate copolymer.
Does not contain plasticizers or solvents.

Product Specification:

Solids content (ISO 1625, DIN 53189), %	50 ±1
Viscosity at 23°C (ISO 3219, DIN 53019), mPa*s	700 - 1500
pH (ISO 1148, DIN 53785)	7,5 - 9,0

Other properties:

Density (ISO 8962 , DIN 53217), g/cm ³	1,04
Particle size, µm	0,15
MFFT (ISO 2115, DIN 53787), °C	ca. 17
Glass transition temperature, T _g , °C	20
Acids and alkalis resistance	high
Dispersion type	anionic

Application:

- Interior paints and topcoats
- Exterior architectural coatings
- Joint sealants and plasters
- Nonwovens production

MFFT:

MFFT of Akrikan 106 can be decreased by use of coalescents in formulations.

Safety:

The usual safety precautions when handling chemicals must be observed. These include thorough ventilation of the workplace, good skin care and wearing of protective goggles. Akrikan 106 does not exert any harmful effects provided it is used for the purpose for which it is intended and processed in accordance with current industrial practice. Akrikan 106 may contain technically unavoidable traces of volatile organic compounds. Akrikan 106 may irritate the skin and mucous membranes on prolonged contact with the product.

Storage:

Akrikan 106 has a shelf life of 6 months from delivery date if stored at temperatures between 5°C and 40°C in tightly closed original containers. Avoid freezing of the material!
As other dispersions, Akrikan 106 is sensitive to presence of Fe, Cu, Zn, Al. Avoid contacting with these metals or their alloys.