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## Akrikan 102

Akrikan 102 – is APEO-free universal styrene-acrylic dispersion with excellent film elasticity, low VOC content and good pigment binding capacity.

### **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	200 - 1000
pH (ISO 1148, DIN 53785)	7,5 - 9,0

### **Other properties:**

Density (ISO 8962 , DIN 53217), g/cm <sup>3</sup>	1,04
Particle size, µm	0,095
MFFT (ISO 2115, DIN 53787), °C	ca. 0
Glass transition temperature, T <sub>g</sub> , °C	-12
Dispersion type	anionic

### **Application:**

- Paints & coatings for internal and external applications
- Joint sealants, hard putties and plasters
- Highly elastic coatings and materials

### **MFFT:**

Akrikan 102 can be used without addition of coalescents into 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 102 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 102 may contain technically unavoidable traces of volatile organic compounds. Akrikan 102 may irritate the skin and mucous membranes on prolonged contact with the product.

### **Storage:**

Akrikan 102 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 102 is sensitive to presence of Fe, Cu, Zn, Al. Avoid contacting with these metals or their alloys.