

Acronal[®] 4567 X

Chemical Nature

Acronal 4567 X is an aqueous dispersion copolymer of acrylate and styrene.

Properties

Typical Properties

Solids content	%	~ 55.0
pH value		~ 8.5
Viscosity at 23 °C (Brookfield RV, 20 rpm)	cps	~ 2000

Further properties of the dispersion

Density	g/cm ³	ca. 1.04
Film-forming temperature	°C	ca. >0
Dispersion type		Anionic
Freeze/thaw stability		not stable

Properties of the film

Water absorption (After 24 hours immersion in water)	%	ca. 6
Mechanical Strength*		
Tensile strength	psi	ca. 150
Elongation at break at 23 °C	%	ca. 900
Appearance		clear, transparent
Surface		tacky

* These values should not be taken as specification

Applications

Fields of application

Acronal 4567 X is used for the treatment of nonwovens to provide flexible/elastic products that exhibit hydrophobic properties. Also, can be used in hydrophobic coating applications or other applications that require significant water resistance.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal 4567 X.

Storage

Please refer to the "Handling and Storage of polymer dispersions" brochure. Technical information regarding the storage of BASF polymer dispersion products is available upon request.

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BASF Corporation
Dispersions and Resins
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: DispersionsPigmentsCC@basf.com
Email: edtech-info@basf.com
www.basf.us/formulation-additives