

Acronal NS 567

Binder for Nonwoven and coating applications

Chemical nature

An aqueous styrene acrylate copolymer dispersion.

Properties

Typical Properties

Solids content	%	~ 50.0
pH value		~ 8.5
Viscosity at 23 °C (Brookfield RV, Spindle #5, at 50 rpm)	cps	~ 3000 – 7500

Further properties of the dispersion

Density	g/cm ³	approx. 1.0
Freeze/thaw stability		not stable
Dispersion type		anionic

Properties of the film

Glass transition temperature T _g (DSC)	°C	ca. -6
Appearance		clear, transparent
Surface		tacky
Flexible		yes

Compatible with

Acronal NS 567 is compatible with other substances commonly used in nonwovens and saturation applications.

* These values should not be taken as specification

Applications

Features

Acronal NS 567 is a sturdy, resilient binder or coating having excellent alkali and good abrasion resistance for a variety of applications. Acronal NS 567 has superb water resistance. Acronal NS 567 has good filler compatibility and pigment binding capacity.

Processing

The pH value of compounding formulations should be in the neutral-to-alkaline range before Acronal NS 567 is added. Rotary displacement pumps are recommended for coating colors prepared with Acronal NS 567.

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 NS 567.

Storage

Please refer to the "Handling and Storage of polymer dispersions" brochure.

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