

Acronal[®] 7169 NA

Acronal 7169 NA is a high Tg water based acrylic dispersion. It is developed for liquid applied sound damping applications

Chemical Nature Acrylic copolymer dispersion

Properties

Typical Properties	Solids content	%	~ 51 – 54
	pH value		~ 8 – 9.5
	Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	~ 200 – 4000
Further properties of the dispersion	Density	g/cm ³	approx. 1.04
	Freeze/thaw resistance		not resistant to freezing
	Dispersion type		anionic
Properties of the film	Glass transition temperature T _g (DSC)	°C	ca. 18-20
	Appearance		clear, transparent
	Flexible		yes
	Surface		tack-free

Application

Acronal 7169 NA can also be employed in acoustic compounds, which are used in machinery and automotive damping treatments. It is used as a binder for aqueous compounds that are capable of being sprayed. Acoustic compounds formulated with Acronal 7169 NA display maximum damping in the 35 – 40 °C range.

Processing When Acronal 7169 NA is mixed with other materials, the final mixture should be adjusted to pH > 6, which increases the mechanical stability.

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 Material Safety Data Sheet for Acronal 7169 NA.

Storage

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

Important

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