

Acronal[®] NX 2727 na

Chemical Nature

Aqueous anionic dispersion of a polymer based on acrylic ester and styrene

Properties

Typical Properties

Solids		~ 50.0
pH		~ 7.5
Viscosity at 23 °C	cps	~ 1500 – 6000
(Brookfield RV, Spindle #5, at 50rpm)		

Other properties of the dispersion

Density at 23 °C	g/cm ³	1.03
Type of dispersion		anionic
Freeze/thaw stability		not resistant

Properties of the film

Appearance		White
Elongation at break	%	700
Surface		not tacky
Glass transition temperature (DSC)	°C	17
Water absorption	%	5

* The values above should not be taken as specification.

Applications

Features

Acronal[®] NX 2727 na can be used as a primer coating to bind fine surface dust on composite substrates. This coating can help reduce absorbency and enhance adhesive bond quality. Acronal[®] NX 2727 na can also be used in producing various product assembly adhesives with fast setting speed.

Processing

Acronal[®] NX 2727 na can be diluted with water and needs to be provided with preservatives when producing formulated adhesives and coatings. Customers must conduct their own trials when developing and processing products based on Acronal[®] NX 2727 na. The compatibility and miscibility with other emulsions or latex polymers and other formulating materials are affected by a variety of factors which are too numerous for BASF to take into account in our own trials. This includes the viscosity stability of the formulated product in storage.

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 NX 2727 na.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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