Acronal® 4667

Chemical Nature	**Modified Elastomeric Acrylic Dispersion for Solar Reflective Roof Coatings**

Properties

Typical Properties*	Solids content	%	~ 54
	pH		~ 8.5
	Viscosity at 23 °C (Brookfield RV, Spindle #5, at 50 rpm)	mPa s	~ <1500
Other properties of the dispersion	Density	lbs./gal	ca. 8.67
		g/cm³	ca. 1.04
	Minimum film-forming temperature	°F	ca. < 33 min.
		°C	ca. < 1 min.
	Dispersion type		anionic
	Plasticizer content		free from plasticizer
	Sensitivity to frost	°F	below 32
		°C	below 0

* The values above should not be taken as specification.

Applications

Fields of application

Acronal 4667 is an aqueous polymer dispersion for the manufacture & application of solar reflective roof coatings (slope > 2°, non-ponding conditions), elastomeric coatings, and primers for a variety of substrates.

Performance Features

Roof coating formulations with Acronal 4667 afford superior mechanical properties such as tensile strength and tear strength which minimizes the need for external cross-linking agents. Further, roof coatings formulated with Acronal 4667 also show lower water uptake relative to comparable market products.

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 4667.

Important

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