

Styronal[®] NX 4222 X

Chemical Nature **A carboxylated styrene/butadiene dispersion**

Properties

Typical properties	Solids content	%	ca. 49 – 51
	pH value		ca. 6.5 – 7.5
	Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	500 – 1500
Further properties of the dispersion	Density	g/cm ³	approx. 1.01
	Dispersion type		anionic
	Freeze/thaw resistance		not stable
Properties of the film	Appearance		clear
	Flexible		yes
	Surface		tacky
	Glass transition temperature T _g (DSC)	°C	ca. -25

* The above values should not be taken as specification.

Application

Processing Adding a preservative to adhesives and coating materials that contain Styronal NX 4222 X is recommended to protect them from microbial attack, particularly if the pH lies in the neutral range. The suitability of such additives must be verified and monitored in trials.

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 Styronal NX 4222 X.

Storage

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

Important

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