

Butofan[®] NS 209

Chemical Nature Carboxylated styrene-butadiene dispersion designed as a binder for saturation of cellulosic fibers

Properties

Typical Properties	Solids content	%	~ 51.0
	Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	~ 100 – 450
	pH		~ 8.2 – 9.0
Other properties of the dispersion	Type of dispersion		anionic
	Density	g/cm ³	1.01
	Freeze/thaw stability		not stable
Properties of the film	Appearance		Slightly hazy
	Flexible		yes
	Surface		tacky
	Glass transition temperature (DSC)	°C	ca. -26
Compatible with	Butofan NS 209 is compatible with other substances commonly used in saturation.		

Application

Features	Butofan NS 209 has an excellent balance of tensile strength and elongation. Butofan NS 209 has good film forming and barrier properties, as well as excellent chemical and mechanical stability.
Processing	The polymer dispersion should not be subjected to excessive shear, and care should be taken to avoid air being entrained. Rotary displacement pumps are recommended for coating colors prepared with Butofan NS 209.

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 Butofan NS 209.

Storage

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

Important

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