

Adhesives

Technical Data Sheet

Butofan[®] NS 209



Base for packaging and converting adhesive formulations, also used as a saturant for paper tape construction

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

Properties

Typical Properties

Solids content	%	~ 51.0
pH value		~ 8.6
Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	~ 100 – 450

Further properties of the dispersion

Density	g/cm ³	approx. 1.01
Freeze/thaw resistance		not resistant to freezing
Dispersion type		anionic

Properties of the film

Glass transition temperature T _g (DSC)	°C	ca. - 26
Appearance		slightly hazy
Flexible		yes
Surface		tacky

Application

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

We recommend adding a preservative to adhesives and coating materials that contain Butofan[®] NS 209 to protect them from microbial attack, particularly if their 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.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Butofan[®] NS 209.

Storage

Butofan® NS 209 has a shelf life of six months from delivery date, provided it is stored in accordance with the “Handling and Storage of polymer dispersions” brochure. Technical information regarding the storage of BASF polymer dispersion products is available upon request.

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