

Styrofan® NX 6690 X

Chemical Nature

Styrofan NX 6690 X is carboxylated styrene/butadiene dispersion.

Properties

Typical Properties

Solids content	%	~ 52.5
pH value		~ 7.9
Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	~ 300 – 600

Further properties of the dispersion

Density	g/cm ³	approx. 1.01
Bound styrene	%	ca. 63
Residual monomer	%	0.0035 max
Freeze/thaw resistance		not stable

Properties of the film

Glass transition temperature T _g (DSC)	°C	ca. 11
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* The above values should not be taken as specification.

Application

Styrofan NX 6690 X is a low odor, ammonia free dispersion that is used in the formulation of laminating adhesives. It provides toughness and water resistance in the finished formulation.

Styrofan NX 6690 X is a low odor and an ammonia free dispersion.

Processing

We recommend adding a preservative to adhesives and coating materials that contain Styrofan NX 6690 X 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.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Styrofan NX 6690 X.

Storage

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

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BASF Corporation
Dispersions and Resins
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: CustCare-Charlotte@basf.com
Email: edtech-info@basf.com
www.basf.us/formulation-additives