

Fiber Bonding

Technical Data Sheet

Styrofan[®] NX 4628



Chemical Nature

Styrofan[®] NX 4628 is a carboxylated styrene/butadiene dispersion

Properties

Typical Properties

Solids content	%	~ 52.5
pH value		~ 8.0
Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	cps	~ 60 – 600

Further properties of the dispersion

Density	g/cm ³	approx. 1.01
Bound styrene	%	ca. 65
Residual monomer	%	0.0035 max
Freeze/thaw resistance		not stable

Properties of the film

Glass transition temperature T _g (DSC)	°C	ca. 13
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Application

Styrofan[®] NX 4628 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 4628 is a low odor and an ammonia free dispersion.

Styrofan[®] NX 4628 styrene butadiene latex is designed to help carpet manufacturers incorporate nontraditional post-industrial and post consumer fillers and additives into their carpet backing systems.

Processing

We recommend adding a preservative to adhesives and coating materials that contain Styrofan[®] NX 4628 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 Styrofan[®] NX 4628.

Storage

Styrofan® NX 4628 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.

Important

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