

Construction

Technical Data Sheet

Styrofan[®] 2487



Chemical Nature

Aqueous, carboxylated styrene-butadiene copolymer dispersion for the manufacture of can sealants and adhesives

Properties

Typical Properties

Solids	%	~ 51.0
pH		~ 9.1
Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm)	mPa s	~ 600

Other properties of the dispersion

Surface tension	mN/m	~ 46.0
Antioxidant		none
Specific gravity	g/cm ³	ca. 1.0
Weight/Volume	lb/gal	8.4
	kg/l	10
Bound Styrene	%	ca. 59
Residual monomer	%	0.02 max

Applications

Styrofan[®] 2487 is used in the production of can sealants and general purpose adhesives.

Processing

Styrofan[®] 2487 exhibits good chemical and mechanical stability. Adhesives based on Styrofan[®] 2487 can be processed using standard latex compounding and application methods. It is recommended that a carefully selected preservative be added to adhesives containing Styrofan[®] 2487 to protect from microbial attack.

Selection and suitability of such additives as well as overall formulation performance must be verified by prior experiment and 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[®] 2487.

Storage

Styrofan® 2487 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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