

Butofan[®] NS 299

Chemical Nature

Aqueous non-carboxylated butadiene-styrene copolymer dispersion for use in flooring adhesives and asphalt modification

Properties

Typical Properties

Solids Content	%	~ 54.0
pH		~ 11.4
Viscosity (Brookfield LV, Spindle #2, at 30 rpm)	mPa s	~ 100 – 600
Glass Transition Temperature (DSC)	°C	- 16

Other properties of the dispersion

Density	lbs/gal	ca. 8.3
Bound Styrene	%	ca. 50
Residual Styrene	%	0.05 max
Surface tension	mN/m	ca. 49
Average particle size	microns	ca. 0.15
Dispersion type		anionic
Antioxidant		none
Mechanical strength*		
Tensile strength	psi	ca. 75
Elongation at break	%	ca. 900
Surface		tacky
Dispersion type		anionic
Stabilizer type		rosin acid

*This figure should be taken for comparison purposes only. All that can be obtained from it is an idea of the magnitude concerned.

Compatible with

Polymer Dispersions	Butofan [®] NS 209, Butofan [®] NS 222, Butonal [®] NS 104, Styrofan [®] ND 593
Thickeners	Rheovis [®] AS 1125
Other Resins	Commercial hydrocarbon tackifier dispersions.

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 299.

Storage

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

Important

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