

Butonal[®] 4125 X

Chemical Nature Cold polymerized, non-carboxylated, fatty acid stabilized styrene-butadiene copolymer for use in the manufacture of flooring adhesives and latex foam

Properties

Typical Properties

Solids Content	%	~ 70.5
pH		~ 10.4
Viscosity at 23 °C (Brookfield LV, Spindle #3, at 30 rpm)	mPa s	~ 1000 – 2000

Other Properties of the dispersion

Density	lbs/gal	ca. 8.0
Bound Styrene	%	ca. 31
Residual Styrene	%	0.08 max.
Surface Tension	mN/m	ca. 34
Type of Dispersion		anionic
Antioxidant		none

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

Compatible With

Dispersions Butofan[®] NS 209, NS 222, Styrofan[®] ND 593, Styronal[®] ND 811

Thickeners Rheovis[®] AS 1125

Resins Commercial hydrocarbon tackifier dispersions.

Application

Fields of application Butonal 4125 X is used in the manufacture of flooring adhesives and high performance foam applications. Butonal 4125 X is a high-molecular weight intermediate modulus polymer dispersion which gives excellent legging characteristics in flooring adhesives.

Processing In general, additives should be pre-neutralized to pH > 8.5 – 9.0 (depending on the system) prior to blending with Butonal 4125 X. The exact conditions should be determined by laboratory 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 Butonal 4125 X.

Storage

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

Important

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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