

Epotal 3642 X

Adhesive Raw Materials



Chemical nature

Aqueous dispersion of a copolymer of 1,3-butadiens and styrene which contains carboxyl groups

Technical data

Solids content	approx. 50 %
pH value	approx. 7 – 8
Viscosity EN ISO 3219	approx. 30 – 150 mPas
Glass transition temperature (T _g)	approx. – 7 °C
Minimum film- forming temperature	approx. 1 °C

The exact specifications can be found in the specification data sheet.

Application area

Owing to its wide range of properties including high elasticity, adhesion to a wide variety of substrates, very low water absorbency and the forming of a film that acts as a barrier to water vapor Epotal 3642 X is especially suitable for the manufacture of protective coatings that form a moisture barrier, adhesives and adhesive sealants.

Highly effective vapor barrier coatings can be produced in both filled and unfilled formulations.

Processing

Standard commercial antifoams can be used to suppress foaming. In general it is sufficient to add 0,5 – 1,0 % of antifoam in relation to the quantity of coating material. The amount required must be determined in tests.

To ensure optimum filler compatibility, the dispersion should be stabilized with a sufficient quantity of dispersing agent. We recommend adding preservatives to coating and adhesive materials that contain Epotal 3642 X to protect them from microbial attack. The suitability and compatibility of such additives must be determined and monitored in tests.

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This data sheet will be rendered invalid if it is superseded by a later version.