

LBSK 5545

Styrene-Butadiene-Carboxylic Latex - LBSK

Technical Data Sheet



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Previous editions of this document have lost their validity

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CHARACTERISTICS

LBSK 5545 is a water dispersion of styrene-butadiene-carboxylic copolymer. It is produced by a technology of hot emulsion copolymerization with the use of anionic emulsifier and contains about 54% of chemically bonded styrene. The latex is white to pale creamy liquid which contains a non-staining antioxidant.

GENERAL REQUIREMENTS

Presence of any mechanical impurities is not permitted.

TECHNICAL PARAMETERS

LATEX TECHNICAL PARAMETERS

Parameters	Units	Values	Test methods
Dry substance	% wt.	min. 48	ISO 124
Free styrene	% wt.	max. 0.02	PN ISO 13741
Coagulate	% wt.	max. 0.1	ISO 706
pH	-	8.0 ÷ 9.5	PN ISO 976
Brookfield viscosity	mPas	40 ÷ 100	PN ISO 1652

Guaranteed values of relevant technical parameters of the product are each time agreed upon in the sales contract.

To each shipping lot/delivery a quality certificate including data on properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

PACKAGING AND TRANSPORTATION

Latex is delivered in road tankers, one ton containers or drums. In winter season transport heated or heat insulated means of transportation at the temperature range from 5°C to 40°C.

The other package can also be used if previously agreed between the producer and a customer provided however, that the proper product quality is ensured.

Synthetic latex is not a dangerous material to transport.

STORAGE

Synthetic latex should be stored at the temperature range 5°C to 40°C in drums arranged in maximum two (2) layers, one ton containers or in closed steel tanks with continuously and slowly rotating agitators causing whole latex mass motion. Store not longer than six (6) months from the date of production.

APPLICATION

Synthetic latex LBSK 5545 is used for impregnation of non-woven materials, reinforcement of carpets and floor finishes with additional filling (e.g. chalk). It is also used as a binder in production of secondary leather and, in mixture with natural latex, for production of dipped goods.

This document is of an informative character. The information given herein is based on the present state of our knowledge and experience. It makes neither product properties nor qualitative parameters guarantee and cannot be used as a basis of any claims. The information provided cannot be used for any mixtures with any other substances. Product should be transported, stored and used in accordance with valid regulations and good occupational hygiene practice.

Making use of the information as well as product application is beyond the producer control and determination of the safe conditions of use is the sole responsibility of a customer.