

LBS 3060

Styrene-Butadiene Latex - LBS

Technical Data Sheet



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Previous editions of this document have lost their validity

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CHARACTERISTICS

LBS 3060 is a water dispersion of styrene-butadiene copolymer. It is produced by a technology of cold emulsion copolymerization with the use of anionic emulsifier and contains about 32% of chemically bonded styrene. The latex is white to pale creamy liquid which does not contain any 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. 65	ISO 124
Free styrene	% wt.	max. 0.02	PN ISO 13741
Coagulate	% wt.	max. 0.1	ISO 706
pH	-	9.5 ÷ 10.5	PN ISO 976
Brookfield viscosity	mPas	400 ÷ 1000	PN ISO 1652
Surface tension	mN/m	max. 40	PN ISO 1409

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 LBS 3060 is used for production of spongy products, floor finishes covering with a gelled or non-gelled foam as well as folding of textiles. It is also used for production of asphalt-latex emulsions for roof covers tightening in building industry.

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.