



Schill+Seilacher

Technical Data Sheet

STRUKTOL® LV 485

Thickening agent for natural rubber latex

Composition

Aqueous solution of ammonium salt of a hydrophobically modified acrylic acid copolymer

Properties

Appearance		clear to slightly cloudy liquid
Solids content	[%]	1
Density	[kg/m ³]	1000
pH value		9
Physiological behaviour		refer to safety data sheet
Storage stability		at least 6 months if stored in a closed container
Packaging		200 kg drum 25 kg can

The data given are typical values which are not intended for use in preparing specifications.

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Recommendations for Application

STRUKTOL® LV 485 is a UV-stable, ready to use (no pre-formulation required) thickening agent for polymer dispersions and other aqueous systems.

The pH value of the compound to be thickened must exceed 8, otherwise gel-like particles that cannot be homogenized will be created.

If the product freezes, it can simply be thawed at room temperature and reused after a short homogenization.

The following procedure should be followed carefully when adding to latex:

- STRUKTOL® LV 485 can be used without dilution.
- STRUKTOL® LV 485 should be added as last ingredient in the mixture.

Dosage

Depending on the desired viscosity, use of 0.5 – 10 % STRUKTOL® LV 485 is required.

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

This new leaflet replaces all previously printed documentation.

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