

Technical Data Sheet

STRUKTOL® MR 322

Mandrel Release Agent for the Manufacture of EPDM Hoses

Composition

Mixture of water soluble polymers

Properties

Appearance		amber, slightly cloudy liquid
Density at 20 °C	[kg/m ³]	1100
Viscosity at 20 °C	[mPa·s]	1500
Pour point	[°C]	0
Physiological behaviour		refer to safety data sheet
Storage stability		at least 1 year under normal storage conditions Protect from frost!
Packing		200 kg drums

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.



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Recommendations for Application

STRUKTOL MR 322 is a silicone free anti-tack agent and external lubricant for rubber processing.

STRUKTOL MR 322 has been especially designed as a mandrel release agent for EPDM hoses, but can be used successfully as lubricant for cured rubber articles as well.

STRUKTOL MR 322 is thermally stable and does not form resinous or coke-like deposits on the mandrel even after repeated curing cycles.

STRUKTOL MR 322 has only a very small swelling effect on common elastomers such as NR, SBR, and EPDM (not suited for ECO).

STRUKTOL MR 322 offers unlimited miscibility with water and can be rinsed away easily after application.

STRUKTOL MR 322 is readily biodegradable in sewage facilities.

STRUKTOL MR 322 should not be stored at temperatures below 0 °C since it may freeze. Frozen product is to be melted at moderate temperatures (approx. 40 – 50 °C) and stirred afterwards.

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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