

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 12 months under normal storage conditions. Protect from frost!
Packaging		200 kg drums



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 EPDM and other common elastomers such as NR and SBR (not suited for ECO).

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

STRUKTOL® MR 322 is very well biodegradable in sewage treatment 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.



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