

Technical Data Sheet

STRUKTOL® MR 226

Mandrel Release Agent for the Manufacture of NBR 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]	4000
Pour point	[°C]	> -10
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 226 is a silicone-free anti-tack agent and external lubricant for rubber processing.

STRUKTOL® MR 226 has been especially designed as a mandrel release agent for NBR hoses, but can be used successfully with other elastomers (except ECO) and as a lubricant for cured rubber articles as well.

STRUKTOL® MR 226 is thermally stable and does not form resinous or coke-like deposits on the mandrel even after repeated curing cycles.

STRUKTOL® MR 226 has only a very small swelling effect on common elastomers like NBR, NR, SBR, and EPDM (not suitable for ECO).

STRUKTOL® MR 226 can be rinsed off with water after application.

STRUKTOL® MR 226 is biodegradable in sewage treatment facilities. According to the Zahn-Wellens Test OECD 302 B a biological degradation of > 95 % is achieved after 15 days.

STRUKTOL® MR 226 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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