

**Schill + Seilacher**

Technical Data Sheet

STRUKTOL® MR 161

Mandrel Release Agent for AEM-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] | 5300 |
| Pour point | [°C] | 0 - 5 |
| Physiological behaviour | | refer to safety data sheet |
| Storage stability | | min. 1 year under normal storage conditions Protect from frost! Viscosity of the product may decrease during prolonged storage or inappropriate storage conditions. |
| Packing | | 200 kg drums, 1000 kg IBC |

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



Schill + Seilacher "Struktol" GmbH
Moorfleeter Str. 28
D-22113 Hamburg

Fon: +49 40 733 62-0
Fax: +49 40 733 62-194
E-Mail: info@struktol.de
Internet: www.struktol.de

Recommendations for Application

STRUKTOL MR 161 is a silicone-free anti-tack agent and external lubricant for rubber processing.

STRUKTOL MR 161 has been especially designed as mandrel release agent for vulcanization of rubber hoses, but can be used successfully as lubricant for cured rubber articles as well.

STRUKTOL MR 161 has only a very small swelling effect on AEM (Vamac) and other common elastomers such as NR, SBR, EPDM, and NBR (not suited for ECO).

STRUKTOL MR 161 offers unlimited miscibility with water and can therefore easily be rinsed away after application.

STRUKTOL MR 161 is very well biodegradable in waste-water treatment facilities.

STRUKTOL MR 161 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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Schill + Seilacher "Struktol" GmbH Moorfleeter Straße 28 22113 Hamburg Germany
Phone: +49 40 73362-0 Fax: +49 40 73362-194 E-Mail: info@struktol.de