

Technical Data Sheet

STRUKTOL® WB 42

Rubber Processing Additive

Composition

Blend of fatty acids and fatty acid derivatives

Properties

Appearance		yellowish pastilles
Density	[kg/m ³]	1000
Bulk density	[kg/m ³]	600
Dropping point	[°C]	90
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months under normal storage conditions (store in a dry place)
Packing		20 kg bags

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 WB 42 is a novel processing additive designed for applications in all elastomers including EPDM.

Being a synergistic blend of fatty acid derivatives with selected polarities, STRUKTOL WB 42 provides internal as well as external lubrication in a wide range of elastomers, resulting in improved flow, cavity fill and mould release.

STRUKTOL WB 42 improves filler dispersion and has a beneficial influence on batch-to-batch uniformity.

STRUKTOL WB 42 is especially suited for applications in extruded compounds, including continuous vulcanization, but also offers advantages with transfer-moulding and injection-moulding.

STRUKTOL WB 42 does not affect peroxide cure.

Dosage

2 - 5 phr

Compounds with high filler concentrations, especially mineral fillers, may require higher dosages (up to 7 phr).

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