

Technisches Merkblatt

STRUKTOL® WB 16 BEADS

Lubricant

Composition

Mixture of calcium soaps and amides of saturated fatty acids

Properties

Appearance		yellowish beads
Density	[kg/m ³]	1000
Bulk density	[kg/m ³]	520
Melting point	[°C]	100
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months under normal storage conditions
Packing		25 kg bags

Special type

STRUKTOL WB 16 FLAKES

Appearance		light pastilles
Bulk density	[kg/m ³]	540
Packaging		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 16 is used in rubber compounds to improve flow properties. This effect is attributable to a considerable reduction of the viscosity (internal friction) of the green compound and a decrease of the sliding friction when in contact with metal surfaces.

The release effect of STRUKTOL WB 16 is remarkable. STRUKTOL WB 16 eliminates sticking to rotors in internal mixers or on open mills and calender rolls, and improves mould release, especially when complicated mould designs are involved.

STRUKTOL WB 16 has a slight activating effect on the cure rate of sulphur-containing compounds. Additional compound stability (prolonged scorching time) is often achieved with STRUKTOL WB 16 in polychloroprene compounds.

STRUKTOL WB 16 can be added at any stage of the mixing cycle, even during the warm up stage of the finished compounds prior to calendering. However, to achieve the optimum release effect and reduction of friction it is best to add the STRUKTOL WB 16 during the final mixing stage.

For special application STRUKTOL WB 16 FLAKES is available.

Dosage

0.5 - 3 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