

Technical Data Sheet

STRUKTOL® WB 16 Flakes

Lubricant

Composition

Mixture of saturated fatty acid amides and calcium soaps

Properties

Appearance		Light pastilles
Density	[kg/m ³]	1000
Bulk density	[kg/m ³]	540
Melting point	[°C]	102
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		20 kg bags



Recommendations for Application

STRUKTOL® WB 16 FLAKES 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 FLAKES is remarkable. STRUKTOL® WB 16 FLAKES 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 FLAKES 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 FLAKES in polychloroprene compounds.

STRUKTOL® WB 16 FLAKES 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 FLAKES during the final mixing stage.

Dosage

1 - 3 phr.





Disclaimer:

This publication is not a specification and does not contain any instruction manual or operating guidelines. It is provided for information purposes only and without any responsibility. Schill + Seilacher "Struktol" makes no representations about the accuracy, reliability or completeness of the information in this publication. We reserve the right to revise our not specified products and the information at any time without notice. The information in this publication is based on the present state of our knowledge and experience and serves the general description of our products and their possible applications. Our technical advice and recommendations, whether verbal, in writing or by way of trials, do not absolve the recipient, on account of the many outside influences which may affect the product use and application, from their own testing and trials. A legally binding assurance based on the information contained herein regarding particular properties or the suitability for definite customer applications cannot be derived from our information.

In accordance with the provisions of our General Terms and Conditions of Sale and Delivery, which can be accessed under www.struktol.de, Schill+Seilacher "Struktol" excludes liability for slightly negligent breaches of obligations arising from the use of the information contained in this publication, provided that they do not relate to damage from injury to life, limb or health or guarantees or claims under the Product Liability Act are affected. Furthermore, the liability for the breach of obligations, the fulfilment of which is essential for the proper execution of the contract and on the observance of which the customer may regularly rely, remains unaffected. The same applies to breaches of duty by our agents.

This technical datasheet is created automatically and is valid without signature.

