



Schill+Seilacher

Technical Data Sheet

STRUKTOL® WB 16 FLAKES

Lubricant

Composition

Mixture of calcium soaps and amides of saturated fatty acids

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
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.



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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

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.

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