

Technical Data Sheet

STRUKTOL® HT 204

Lubricant

Composition

Mixture of soaps, amides and esters of saturated fatty acids

Properties

| | | |
|-------------------------|----------------------|--|
| Appearance | | Yellowish micro-beads |
| Density | [kg/m ³] | 1000 |
| Bulk density | [kg/m ³] | 520 |
| Dropping point | [°C] | 100 |
| 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® HT 204 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.

Due to its specific composition the product softens readily and can easily be incorporated on two-roll mills at temperatures above 60 °C despite the high dropping point.

The release effect of STRUKTOL® HT 204 is remarkable. It 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® HT 204 has a slight activating effect on the cure rate of sulphur-containing compounds. Additional compound stability (prolonged scorching time) is often achieved with STRUKTOL® HT 204 in polychloroprene compounds.

STRUKTOL® HT 204 can be added at any stage of the mixing cycle, even during the warm up stage of the finished compounds prior to calendaring. However, to achieve the optimum release effect and reduction of friction it is best to add the STRUKTOL® HT 204 during the final mixing stage.

Dosage

0.5 - 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.

