

Technical Data Sheet

STRUKTOL® HT 204

Lubricant

Composition

Mixture of calcium 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
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 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

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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