



Technical Data Sheet

STRUKTOL® HT 204



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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





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