

## Technical Data Sheet

### STRUKTOL® HT 300

Processing Additive for application in silica compounds based on S-SBR, BR and NR

#### Composition

Blend of fatty acid esters and high molecular components

#### Properties

Appearance		Light pastilles
Softening point	[ °C]	60
Density	[kg/m³]	960
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months in original sealed containers
Packaging		20 kg bags



## Recommendations for Application

STRUKTOL® HT 300 significantly enhances the processing of silica compounds. Application of STRUKTOL® HT 300 reduces compound viscosity and increases filler dispersion rate. As a result, mixing time as well as mixing temperature is reduced.

Especially when used for processing of highly-filled silica compounds based on functionalized synthetic rubber, STRUKTOL® HT 300 significantly increases green-strength and improves compound processing.

STRUKTOL® HT 300 reduces adhesion of the rubber compound to mixer blades and rollers. In addition, STRUKTOL® HT 300 improves demoulding of vulcanizates.

In general, the influence of STRUKTOL® HT 300 on silanisation reaction and vulcanization kinetics is negligible.

## Dosage

5 - 15 phr



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