

Technical Data Sheet

STRUKTOL® HT 200

Processing Additive for compounds based on various polymers and fillers

Composition

Blend of fatty acid esters

Properties

Appearance		Light yellow pastilles
Dropping point	[°C]	55
Density	[kg/m³]	1050
Acid value	[mgKOH/g]	120
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months in original sealed containers. Storage above 40 °C should be avoided!
Packaging		20 kg bags



Recommendations for Application

STRUKTOL® HT 200 significantly enhances the processing of filled compounds. Application of STRUKTOL® HT 200 reduces compound viscosity while helping to better maintain green properties and increases filler dispersion rate. As a result, mixing time as well as mixing temperature is reduced.

STRUKTOL® HT 200 reduces adhesion of the rubber compound to mixer blades and rollers. In addition, STRUKTOL® HT 200 improves extrusion demoulding of vulcanizates.

In general, the influence of STRUKTOL® HT 200 on silanisation reaction and vulcanization kinetics is negligible. Compounds with maintained or improved dynamic stiffness can be achieved.

STRUKTOL® HT 200 is 100 % based on renewable raw materials and metal free.

Dosage

2 - 6 phr



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