



Schill+Seilacher

Technical Data Sheet

STRUKTOL[®] HT 106

Zinc-Free Mastication Aid and Processing Additive for Natural Rubber

Composition

Combination of an aromatic disulphide and fatty acid derivatives

Properties

Appearance		beige pastilles
Density	[kg/m ³]	960
Melting point	[°C]	55
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months if stored properly
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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Recommendation for Application

STRUKTOL® HT 106 is a non-discolouring and zinc-free multifunctional product based on a novel processing additive which is used for a mild mastication of natural rubber.

STRUKTOL® HT 106 gives excellent dispersion in rubber and improves the dispersion of powdery compounding materials.

The way STRUKTOL® HT 106 works differs from ordinary chemical peptizers. Its mastication effect is somewhat slower, however it remains active for a longer period of time than conventional peptizers.

The optimum performance of STRUKTOL® HT 106 is achieved at about 130 °C, but it is also effective at considerably lower temperatures and can therefore be used on two-roll mills at temperatures above 90 °C.

Dosage

1 – 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.
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