

## 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 <sup>3</sup> ]	960
Melting point	[°C]	60
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		20 kg bags

\*) Slight colour variations may occur, which however do not affect the quality of the product.



## Recommendations 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



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