

## Technical Data Sheet

### STRUKTOL® A 50 P

Peptizer for Natural Rubber  
Processing Additive for Natural and Synthetic Rubber

#### Composition

Zinc soaps of unsaturated fatty acids

#### Properties

Appearance		Light pastilles*)
Density	[kg/m <sup>3</sup> ]	1050
Bulk density	[kg/m <sup>3</sup> ]	610
Dropping point	[°C]	103
Ash content	[%]	12.75
Zn-content	[%]	10.5
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 18 months under normal storage conditions
Packaging		20 kg bags

\*) Zinc soaps of unsaturated fatty acids can exhibit different shades. These variations, however, do not affect the mode of action of the product.



## Recommendations for Application

STRUKTOL® A 50 P is a rubber soluble zinc soap leading to a faster physical peptization of natural rubber. It starts to be effective in the lower temperature range of compounding and can be used for mastication in a separate stage as well as for single stage mixing.

STRUKTOL® A 50 P can be used in all types of rubber except for halogenated rubbers, EPDM and IIR. This zinc soap causes a rapid incorporation of the fillers and lead to a shorter mixing cycle. Shore hardness of the vulcanizates is not influenced.

Being rubber soluble, STRUKTOL® A 50 P does not bloom from the vulcanizates. Reduction of high dosages of stearic acid or paraffins is indicated.

## Dosage

1 – 5 phr





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