



Schill+Seilacher

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 beige pastilles*)
Density	[kg/m ³]	1050
Bulk density	[kg/m ³]	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
Packing		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.

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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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 do not bloom from the vulcanizates. Reduction of high dosages of stearic acid, or paraffins is indicated.

Dosage

1 - 5 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.

This new leaflet replaces all previously printed documentation.

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