

Technical Data Sheet

STRUKTOL® A 60

Peptiser for natural rubber, processing additive for natural and synthetic rubber

Composition

Zinc soap of unsaturated fatty acids

Properties

Appearance		Beige pastilles*
Density	[kg/m ³]	1170
Bulk density	[kg/m ³]	660
Dropping point	[°C]	85
Ash content	[%]	20
Zinc content	[%]	8.5
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 60 is a rubber soluble zinc soap leading to a faster physical peptisation of natural rubber. Due to the low melting point, 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 60 can be used in all types of rubber. This zinc soap causes a rapid incorporation of the fillers and leads to a shorter mixing cycle. Shore hardness of the vulcanisate is not influenced.

Being rubber soluble, STRUKTOL® A 60 does not bloom from the vulcanisate. Reduction of high dosages of stearic acid or paraffins is indicated.

Dosage

1 – 5 phr



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