

## Technical Data Sheet

### STRUKTOL® EF 44

Processing Additive for Natural and Synthetic Rubber

#### Composition

Blend of fatty acid derivatives (predominantly zinc soaps)

#### Properties

Appearance		Beige pastilles *)
Density	[kg/m <sup>3</sup> ]	1070
Dropping point	[°C]	95
Zinc content	[%]	8.5
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 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<sup>®</sup> EF 44 is a newly designed processing additive for applications in natural and synthetic rubber.

Due to its selected composition comprising fatty acid derivatives with different polarities STRUKTOL<sup>®</sup> EF 44 provides excellent improvement of processing behaviour for a wide range of elastomers like NR, SBR and EPDM (except for halogenated elastomers).

STRUKTOL<sup>®</sup> EF 44 is especially suited for applications in extruded compounds, but also offers advantages on transfer moulding and injection moulding.

STRUKTOL<sup>®</sup> EF 44 improves dispersion of fillers (especially mineral fillers) and has a beneficial influence on batch-to-batch uniformity.

STRUKTOL<sup>®</sup> EF 44 acts as a cure activator and allows for reduced dosage of stearic acid.

The dropping point of STRUKTOL<sup>®</sup> EF 44 can increase by about 3 to 4 °C during storage. This is a physical phenomenon which does not affect the quality of the product.

## Dosage

1 - 3 phr



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