

Technical Data Sheet

STRUKTOL® AKTIVATOR 73

Vulcanisation Activator for Natural Rubber

Composition

Mixture of zinc salts of aliphatic and aromatic carboxylic acids

Properties

Appearance		Light grey pastilles
Density	[kg/m ³]	1200
Bulk density	[kg/m ³]	750
Dropping point	[°C]	95
Zinc content	[%]	18
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		20 kg bags



Recommendations for Application

STRUKTOL® AKTIVATOR 73, a formulation of selected zinc salts, is a very effective activator for the sulphur vulcanisation of diene rubbers, especially natural rubber.

STRUKTOL® AKTIVATOR 73 can partly or completely replace conventional activators based on fatty acids, e.g. stearic acid, zinc stearate and zinc-2-ethylhexanoate.

The following improvements are achieved by the use of STRUKTOL® AKTIVATOR 73:

- reduced reversion
- higher modulus
- less heating under dynamic load
- reduced compression set at elevated temperatures

STRUKTOL® AKTIVATOR 73 can also be used as an effective physical peptiser for the mastication of natural rubber.

Dosage

2 - 4 phr, in combination with 3 - 5 phr zinc oxide



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