

## Technical Data Sheet

### STRUKTOL® AKTIVATOR 73 A

Vulcanization Activator for Natural Rubber

#### Composition

Mixture of zinc salts of aliphatic and aromatic carboxylic acids

#### Properties

Appearance		Light-grey pastilles
Density	[kg/m <sup>3</sup> ]	1200
Bulk density	[kg/m <sup>3</sup> ]	750
Dropping point	[°C]	112
Zinc content	[%]	16.0
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months in closed containers, at max. 30° C, dry storage and protection from direct sun irradiation.
Packaging		20 kg bags



## Recommendations for Application

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

STRUKTOL® AKTIVATOR 73 A is a low odour version of STRUKTOL® AKTIVATOR 73.

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

The following improvements are achievable by application of STRUKTOL® AKTIVATOR 73 A:

- prolonged reversion time
- higher modulus
- reduced compression set at elevated temperatures.

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

## Dosage

2 to 4 phr, combined with 3 to 5 phr zinc oxide



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