

Deovulc ZO

Vulcanization Activator

Description

Deovulc ZO acts as activator during the vulcanization of natural rubber, especially in EV-systems. Due to the resulting higher degree of cross linking, compression set and dynamic properties as well as reversion stability are improved

Composition

Zinc-2-ethylhexanoate

Application

Deovulc ZO is added together with the filler and can partly or fully replace stearic acid. It may also be used in diene rubber other than natural rubber, except CR

Dosage

1 – 4 phr

Typical physical properties

		Unit
Colour	Colourless, high viscosity liquid.	/
Zinc content	22.0 – 24.0	%
Kinematic viscosity at 100°C	10 - 40	mm ² /s
Density at 20°C	1.2	g/cm ³

Benefits

Activator for the sulfur vulcanization of NR
 Replacement for stearic acid
 Good solubility and no blooming
 Higher crosslinking density possible, so that compression set and dynamic properties can be improved.

Associated products

Deovulc ZO DL
 Deovulc OH
 Deomag 70

Storage

In originally sealed package in cool and dry places
 Storage stability: min. 18 months

Supply Form

200 kg in steel drums

German Food Legislation (BfR recommendation XXI)

Not approved

US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed

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