

Name	Deovulc ZO	
Description	Vulcanization activator, mainly for natural rubber	
Active Substance	Zinc-2-Ethylhexanoate	
Appearance	colourless honeylike liquid	
Analytical values		
Zinc (%)	DIN 55901 part 8	22.0 - 24.0
Kinematic Viscosity at 100 °C (mm ² /s)	DIN EN ISO 3104	10 - 40
Density at 20°C (g/cm ³)	DIN ISO 787, part 10	1.2
Dosage (phr)		1 - 4
German Food Legislation (BfR recommendation XXI)		not approved
US Code of Federal Regulations, FDA - CFR Title 21, Part 177		not listed
Supply Form	200 kg in bung hole steel-drums	
Storage Stability		
In originally sealed package at room-temperature		min. 12 months

Behaviour and Effects

Deovulc ZO acts as an activator at the vulcanization of natural rubber, specifically in EV-systems. Due to the resulting higher cross-link concentration, compression set and dynamic properties, as well as reversion stability are improved.

Application

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

Notes

For easier handling Deovulc ZO is also available as 70 % dry liquid named: Deovulc ZO-70 DL. Unsuitable for CR.

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