

Deolink MX-100

Liquid Silanes

Description

Deolink MX-100 is an alternative to mercaptosilanes, which often cannot be used because of their unpleasant smell. It reacts with the silica filler already during the mixing process. Because of its bifunctionality, it forms a chemical bond between the filler and the rubber molecule at cure temperature. In comparison with mercaptosilanes a reduced susceptibility to scorching and low odour is observed

Composition

Octylthiol-thio-propyl-triethoxysilane

Application

Deolink MX-100 is mainly used for rubber articles with active white filler, e.g. shoe soles, industrial rollers, conveyer belts and industrial floor coverings

Dosage

Related to active white filler: 0.5 – 4.0 phr

Related to total compound: 0.5 – 2.0 phr

Typical physical properties

		Unit
Colour	Colourless or light yellow, clear liquid	/
Silane content	min. 85	%
Total Sulphur	8.6 ± 1.0	%
Density at 25°C	0.96 ± 0.02	g/cm ³

Benefits

Sulphur silane with blocked mercapto group
 May be used across a broad range of mixing temperature
 Usually more effective than TESPT at lower mixing temperatures
 Lower risk of scorch
 No typical mercaptane odor

Associated products

Deolink TESPT-100
 Famasil FR-VM
 Deolink Vinyl-100
 Deolink Vinyl TE-100
 Deolink Methacryl TM-100
 Deolink Amino TE-100

Storage

In originally sealed package in cool and dry places
 Storage stability: min. 24 months

Supply Form

195 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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