

<b>Name</b>	<b>Deolink VO</b>	
<b>Description</b>	activator for filler	
<b>Active substance</b>	Polysiloxane, containing vinyl-, propyl- and ethoxygroups	
<b>Silane content</b>		
[%]	50	
<b>Appearance</b>	white pellets	
<b>Analytical values</b>		
Dropping point [°C], Mettler-apparatus	DIN ISO 2176	75 ± 5
Density at 20 °C [g/cm <sup>3</sup> ]	DIN ISO 787 part 10A	0.95
<b>Dosage</b>		
in relation to filler [phf]	1 - 6	
<b>German Food Legislation (BfR recommendation LII for fillers in polymers)</b>	max. 1 % in relation to filler	
<b>Supply Form</b>	20 kg in cardboard boxes with PE-inliner	
<b>Storage Stability</b>		
In originally sealed package in cool and dry places	min. 24 months	

**Behaviour and Effects**

Deolink VO forms a chemical bond between the rubber molecule and the silica filler. The ethanol which is formed owing to the reaction evaporates during the mixing and vulcanisation process. In Deolink VO the active silane is protected against moisture attack by the wax polymer matrix. The pellet shape allows fast weighing and safe and easy handling.

Deolink VO cannot build harmful methoxyethanol.

**Application**

Deolink VO is used to improve the physical properties of peroxide cured compounds like cable covering, as it acts as a coupling agent between rubber and silica or other filler containing hydroxyl groups. Compared to compounds without silanes the electrical properties are improved by Deolink VO.

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