

Deolink VE

Silane Preparations on Polymer / wax systems

Description

Deolink VE offers the possibility to couple an inorganic filler to the elastomer via a chemical bond. The chemical reaction of silanization results in a number of improved physical properties and optimized processing. Due to our special carrier system, Deolink VE protects the active silane from any interferences by atmospheric moisture. The pellet form allows easy weighing and excellent dispersion

Composition

Oligomeric polysiloxane, containing vinyl and ethoxy groups
Silan content: 50%

Application

Oligomeric vinyl silane for peroxide or radical cross-linking, e.g. for the cable industry. Further advantages of Deolink VE, compared to monomeric silanes, are the low VOC content and the high flash point, which allows a safe handling of the material

Dosage

In relation to filler: 1 – 6 phr

Typical physical properties

		Unit
Colour	White pellets	/
Dropping point, Mettler device	75 ± 5	°C
Density at 20°C	0.95	g/cm³

Benefits

Oligomeric vinyl silane for peroxide vulcanization
Does not form any toxic methoxyethanol
Replacement for traditional vinyl silanes
Low VOC
BfR suitable

Associated products

Deolink TESPT
Deolink MX
Deolink Vinyl
Deolink VO

Storage

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

Supply Form

20 kg in cardboard boxes with PE-inliner

German Food Legislation (BfR recommendation XXI)

Max. 1% in relation to filler

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

Not listed

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