

# Deolink Vinyl

## Silane Preparations on Polymer / wax systems

### Description

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

### Composition

Tris(2-methoxyethoxy)vinylsilane  
Silan content: 50%

### Application

Deolink Vinyl is used to improve the 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 Vinyl

### Dosage

In relation to filler: 1 – 6 phr

### Typical physical properties

		Unit
Colour	White pellets	/
Iodine value	45.0 ± 5	%
Dropping point, Mettler device	72 ± 5	°C
Density at 20°C	1.00 ± 0.02	g/cm <sup>3</sup>

### Benefits

Traditional vinyl silane  
For radical cross-linking

### Associated products

Deolink TESPT  
Deolink MX  
Deolink VO  
Deolink VE

### 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 LII)

Max. 1% in relation to filler

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

Not listed

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