

# Deolink Vinyl-100

## Liquid Silane

### Description

Deolink Vinyl-100 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

### Composition

Tris(2-methoxyethoxy)vinylsilane

### Application

Deolink Vinyl-100 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-100

### Dosage

Related to active white filler: 0.5 – 5.0 phr

Related to total compound: 0.5 – 2.5 phr

### Typical physical properties

|                        |  | Unit              |
|------------------------|--|-------------------|
| <b>Colour</b>          | Colourless to light yellow, clear liquid | /                 |
| <b>Silane content</b>  | min 95.0                                 | %                 |
| <b>Density at 25°C</b> | 1.04 ± 0.02                              | g/cm <sup>3</sup> |

### Benefits

Traditional vinyl silane  
For radical cross-linking

### Associated products

Deolink TESPT-100  
Deolink MX-100  
Famasil FR-VM  
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

25 kg in Steel-pail  
200 kg in Steel drum

### 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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