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|--|---|---------------|
| <b>Name</b>  | <b>Deolink Vinyl TM-100</b>             |               |
| <b>Description</b>                                   | coupling- / cross-linking-agent         |               |
| <b>Composition</b>                                   | Vinyl-tri-methoxy-silan                 |               |
| <b>Appearance</b>                                    | Colourless , clear liquid               |               |
| <b>Analytical values</b>                             |   |               |
| Content [%]  | DIN 53174                               | min. 97       |
| Refractive index nD20                                | DIN 51423-2                             | 1,380 – 1,400 |
| Density at 25°C [g/cm <sup>3</sup> ]                 | DIN ISO 787 T10A                        | 0.96 – 0,98   |
| <b>Dosage</b>  | 0,5 – 2,5 %                             |               |
| <b>Supply Form</b>                                   | 25 kg in steel pails<br>195 kg in drums |               |
| <b>Storage Stability</b>                             |   |               |
| In original sealed package<br>in cool and dry places | min. 1 year                             |               |
| <b>Classification and Labelling</b>                  | according to MSDS                       |               |

**Behaviour and Effects**

Deolink Vinyl TM-100 reacts with unsaturated polyesters, polyurethanes and acrylic resins. The tri-methoxy-silyl-group condenses with the hydroxyl-groups / other reactive groups of various substrates and links them to the polymer

**Application**

Deolink Vinyl TM-100 works as a bonding agent to improve the mechanical properties of composites containing inorganic fillers or glass-fibre-reinforcements and to act as an adhesion promoter to different substrates.

Furthermore Deolink Vinyl TM-100 is suitable for the preparation of moisture-curing polymers e.g. PE with suitable co-additives e.g. cable-industry.

Deolink Vinyl TM-100 can also use as a co-monomer for polymer-dispersions

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