Name | Deolink Epoxy TE-100
--- | ---
Description | coupling- / cross-linking agent
Active substance | [3-(2,3-Epoxypropoxy)propyl]-triethoxysilane
Appearance | colourless, clear liquid
Analytical values
- Content (%) DIN 53174 | min. 96.0
- Colour EN ISO 6271-1 | max. 10
- Density at 25°C (g/cm³) DIN ISO 787 part 10 | 1.05 - 1.09
Dosage
- Related to total compound (%) | 0.5 - 1.5
German Food Legislation (BfR recommendation LII for filler additives in polymers)
- approved,
- max. 0.5 % silane, related to filler
Supply Form
- 25 kg in steel-pail,
- 195 kg in steel-drums
Storability
- In original sealed package in cool and dry places min. 1 year
Classification and Labelling
Deolink Epoxy TE-100 is labelled as „harmful“ (Xn) according to EC directives. For more detailed information please refer to our material safety data sheet.
Application
Deolink Epoxy TE-100 is used in water based or organic solvent based industrial coatings to improve the adhesion to glass and metal. Also suitable for polyurethane, polysulfide and other adhesives and sealants for automotive and building application.
Deolink Epoxy TE-100 is furthermore used as adhesion promotor in filled epoxy resins. (e.g. for mould production). Typical dosage level ranges from 0.5 to 1.5 % of the total formulation.
The advantage of Deolink Epoxy TE-100 is that no toxic decomposition products like methanol are formed during silanization.

Any technical consultation provided by us merely constitutes a guideline without any committal - even with regard to any third party's rights - and will not dispense from the client's examination of the products supplied by us. Processing operations, application and use of our products will be the client's exclusive responsibility. We guarantee the faultless quality of our goods, as defined in our General Terms of Sale and Delivery.
Valid 3rd March 2010