

Deolink Methacryl TM-100

Liquid Silane

Description

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

Composition

Methacryloxy-propyl-trimethoxysilane

Application

Deolink Methacryl TM-100 works as a bonding agent to improve the mechanical properties of polyester composites that contain an inorganic filler. It can be used to cross-link polyethylene with suitable co-additives. It can also be used as copolymer with acrylic- or meth-acrylic monomers for coatings and adhesives

Dosage

Related to active white filler: 0.5 – 4.0 phr

Related to total compound: 0.5 – 2.0 phr

Typical physical properties

		Unit
Colour	Colourless to light yellow, clear liquid	/
Silane content	min 98.0	%
Density at 25°C	1.04 ± 0.02	g/cm ³

Benefits

Suitable for radical as well as for sulphur cross-linking systems

BfR suitable

Associated products

Deolink TESPT-100

Deolink MX-100

Famasil FR-VM

Deolink Vinyl-100

Deolink Vinyl TE-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 LII)

Approved, max. 0.5% silane, related to filler

EFSA (European Food Safety Authority) Regulation (EU) Nr.10/2011

Approved

Version: 01/2022