

Deolink Amino TE-100

Liquid Silane

Description

The amino group of Deolink Amino TE-100 can react with various polymers. Therefore it is used for surface coatings and sealing materials as well as for polymer compounds. If it is used in glass fibre reinforced nylon, polyester or other resins, it can increase the mechanical properties of the finished article. The dispersion of the inorganic fillers in the polymer matrix can be increased decisively

Composition

3-Aminopropyltriethoxysilane

Application

Deolink Amino TE-100 is a functional coupling agent, which can be used in various applications to improve the bonding between the inorganic substrate of filler and the organic polymer

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 97.0	%
Density at 25°C	0.95 ± 0.02	g/cm ³

Benefits

For sulphur free cross-linking systems

BfR suitable

Predominantly for ACM and AEM compounds with light fillers

Associated products

Deolink TESPT-100

Deolink MX-100

Famasil FR-VM

Deolink Vinyl-100

Deolink Methacryl TM-100

Deolink Vinyl TE-100

Storage

In originally sealed package in cool and dry places

Storage stability: min. 24 months

Supply Form

25 kg in Steel-pail

180/190/200 kg in Steel drum

German Food Legislation (BfR recommendation LII)

Approved, max. 0,5% silane, related to filler

US Code of Federal Regulations, FDA – CFR Title 21, 175.105

Listed

Version: 01/2022