

Name **Deolink DiAmino TM-100**

Description activator for filler

Active substance N-(Aminoethyl)-aminopropyl-trimethoxysilane

Appearance colourless to yellow, clear liquid

Analytical values

Content [%]	DIN 53174	min. 97
Colour	EN ISO 6271-1	max. 100
Density at 25°C [g/cm ³]	DIN ISO 787 part 10	1.00 - 1.04

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

Code of Federal Regulations FDA 21 CFR 175.105 US FDA 21 CFR 177.1390 US

approved approved

Supply Form

25 kg in steel-pail, 200 kg in steel-drum

Storage Stability

In original sealed package in cool and dry places min. 1 year

Classification and Labelling

Deolink DiAmino TM-100 is labelled as „irritant“ (Xi) according to EC directives. For more detailed information, please refer to our Material Safety Data Sheet.

Behaviour and Effects

The primary amine-group of Deolink DiAmino TM-100 can react with various polymers and improves their modulus and elasticity.

The trimethoxy-silyl-group of Deolink DiAmino TM-100 reacts with the hydroxyl-groups of various substrates and improves the adhesion by linking to the polymer.

Application

Deolink DiAmino TM-100 is a bi-functional bonding agent, which can be used in various applications to improve the bonding between the inorganic substrate or filler to the organic polymer.

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