

Name	Deolink Amino DE-100
Description	activator for filler / coupling agent
Active substance	3-Aminopropyl-methyl-diethoxysilane
Appearance	colourless to light yellow, clear liquid

Analytical values

Content (%)	DIN 53174	min. 97
Colour	EN ISO 6271-1	max. 25
Density at 25°C (g/cm ³)	DIN ISO 787 part 10	0.90 - 0.94

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,
180 kg in steel-drum

Storage Stability

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

Classification and Labelling

Deolink Amino DE-100 is labelled as „corrosive“ (C) according to EC directives.
For more detailed information please refer to our material safety data sheet.

Behaviour and Effects

The primary amino-group of Deolink Amino DE-100 can react with silicone and other polymers and improve their modulus and elasticity.
The diethoxy-silyl-group reacts with hydroxyl-groups on the surface of various materials, increasing the adhesion of the polymer.

Application

Deolink Amino DE-100 is a bi-functional amino coupling agent, which can be used in various applications to improve the bonding between the inorganic substrate or filler and the organic polymer. At the same time it works as a chain extender for

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.

the polymer, and cross-linking agent for silicones and polyether resins.

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 June 2009