

<b>Name</b>	<b>Deolink DiAmino DM-100</b>
<b>Description</b>	activator for fillers / coupling agent
<b>Active Substance</b>	N-(3-(dimethoxymethylsilyl)propyl) ethylenediamine
<b>Appearance</b>	colourless to light yellow, clear liquid

**Analytical Values**

Content [%]	DIN 53174	min. 95
Colour	EN ISO 6271-1	max. 50
Density at 25 °C [g/cm <sup>3</sup> ] [%]	DIN ISO 787 part 10	0.95 - 0.99

**Dosage**

Related to total compound [%]	0.5 - 1.5
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**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  
200 kg in steel drum

**Storage Stability**

In originally sealed package in cool and dry places	min. 24 months
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**Classification and Labelling**

For detailed information, please refer to our Material Safety Data Sheet.

**Behaviour and Effect**

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

The methoxy-groups react with the hydroxy-groups of various substrates, forming a chemical bond to the polymer. The resulting Si-O-Si bonds improve the long-term resistance against humidity and thermal influence.

**Application**

Deolink DiAmino DM-100 is a functional coupling agent, which can be used in various applications (e.g. phenolic or furan resins, polyurethane and silicone) to improve the bonding between the inorganic substrate or filler and the organic polymer. At the same time it also works as a chain extender for the polymer.

Deolink DiAmino DM-100 reduces the modulus in elastic adhesives and sealants.

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 from 17<sup>th</sup> August, 2017