

Name	Deolink Epoxy TE 50 DL	
Description	coupling agent / filler activator	
Active Substance	[3-(2,3-epoxypropoxy)propyl]- triethoxysilane 50 % on mineral filler	
Appearance	white powder	
Analytical Values		
Silane content		~ 50 %
Ash 2 h 950 °C [%]	DIN EN ISO 3451-1	52.5 +/- 2.5 %
Dosage		
Related to total compound [%]		1 - 4
Supply Form	20 kg (PE-Bag in a Metal-Drum)	
Storage Stability		
In originally sealed package in cool and dry places		min. 12 months

Classification and Labelling

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

Application

Deolink Epoxy TE 50 DL is an organofunctional coupling agent that provides a chemical link between organic polymer and inorganic substrates or fillers.

Deolink Epoxy TE 50 DL is compatible with various polymers; the powder form enables easy incorporation and can be used in applications like powder coating or plastics. Deolink Epoxy TM can improve adhesion to substrates like steel or glass and therefore also improves corrosion resistance.

Deolink Epoxy TE 50 DL is able to improve dispersion of mineral fillers in a polymer matrix and due to the coupling function between polymer and filler; mechanical properties of filled systems can also be increased.

Deolink Epoxy TE 50 DL does not contain any discolouring ingredients it can be used in light coloured formulations.

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 2020, 6th November