



Silanil 138

3-Aminopropyltrimethoxysilane

Description

Silanil 138 is a reactive chemical containing a primary amino silane.

Application

Silanil 138 reactive character gives it very strong chemical binding to both organic as well as inorganic materials. Next to being applicable as adhesion promoter, it also applies as a surface modifier.

Features

- Improves adhesion
- Increases composite strength properties
- Increased composite wet and dry tensile strength and modulus
- Increased composite wet and dry flexural strength and modulus
- Increased wet and dry compressive strength
- Increased transparency of fiberglass composites

Benefits

- Good coupling agent to improve adhesion of many polymers, plastics, resins and elastomers to inorganic materials and surfaces.
- Can be used in various products such as melamine, epoxy, thermoset composites, polyurethanes, PVC, EVA, acrylics and silicones.
- Effective surface modifier.

Typical Data

Parameter	Unit	Value
Appearance:		Colourless, clear
Specific gravity at 25°C:		1.014
Molecular weight		179
Boilingpoint:	°C	210
Flashpoint:	°C	82.0

How to Use

Stored in dry and cool (approx. 20 ° C) conditions in its sealed original container, **138** has a shelf life of 12 months.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

