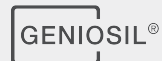


# GENIOSIL<sup>®</sup> XL 70



## Organofunctional Silanes

Phenyltrimethoxysilane

GENIOSIL<sup>®</sup> XL 70 is a clear, colorless liquid.

## Properties

GENIOSIL<sup>®</sup> XL 70 is an alkoxyarylsilane. In the presence of moisture silanols are formed by hydrolysis (methanol is released), which can then react to form siloxanes.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Boiling point	1013 hPa	220 °C	-
Density	25 °C	1.06 g/cm <sup>3</sup>	DIN 51757
Flash point	-	66 °C	ASTM D3278, DIN 55680, ISO 3679
Ignition temperature	-	400 °C	DIN 51794
Purity	-	> 98.0 %	-
Vapour pressure	20 °C	< 5 hPa	-
Viscosity, dynamic	25 °C	1.8 mPa·s	DIN 51562

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Adhesives
- Building & Construction Adhesives
- Do It Yourself
- Flooring Installation
- Sealants
- Waterproofing Membranes

## Application details

In silane-crosslinking formulations, (e.g. silane-terminated polyethers, polyurethanes or polysiloxanes), GENIOSIL® XL 70 is mixed into the formulation as an additive to prevent premature crosslinking due to trace moisture. Processing is effected by means of standard mixing methods (e.g. paddle agitator, dissolver, kneader). GENIOSIL® XL 70 may be added before or during incorporation of the reactive polymer. The amount added will depend on the water content and pretreatment of the components. GENIOSIL® XL 70 is used as water scavenger during the production of silane-crosslinking adhesive and sealant formulations. In particular the brandnew water scavenger exhibits a high flash point and is virtually odorless.

## Packaging and storage

### Packaging

Information on available container sizes is obtainable from WACKER subsidiaries.

### Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code GENIOSIL® XL 70



### For technical, quality or product safety questions, please contact:

**Wacker Chemie AG**, Gisela-Stein-Strasse 1, 81671 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://www.wacker.com)

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.