

Product Information

Organofunctional Silanes

DOW CORNING

Dow Corning[®] Z-6264 Silane

FEATURES

- n-Propyl alkyl group
- Trimethoxy silyl functional
- Bonds with inorganic surfaces through methoxy groups
- Propyl group provides hydrophobicity and oleophilicity

BENEFITS

- Provides a hydrophobic surface treatment
- Enables improved organic compatibility of treated inorganic fillers and fibers

COMPOSITION

- n-Propyltrimethoxysilane:
 $\text{CH}_3(\text{CH}_2)_2\text{Si}(\text{OCH}_3)_3$
- CAS No.: **1067-25-0**

n-Propyltrimethoxysilane

APPLICATIONS

- Hydrophobic treatment for inorganic or metal surfaces
- Hydrophobic treatment for inorganic powders or filler materials
- Comonomer in siloxane based sol-gel manufacture

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test	Unit	Value
Appearance		Colorless to pale yellow
Odor		Alcoholic odor
Specific Gravity at 25°C		0.93
Viscosity at 25°C	mm ² /s (cst)	0.7
Flash Point, PM closed cup	°C/°F	27/79
Purity	%	> 97.0

DESCRIPTION

Dow Corning[®] Z-6264 Silane is an alkylalkoxysilane. It has an n-propyl organic group and a trimethoxysilyl inorganic group.

HANDLING PRECAUTIONS

This alkoxysilane will hydrolyze when combined with water to form methanol.

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

USABLE LIFE AND STORAGE

When stored at temperatures below 35°C (95°F) in airtight containers, *Dow Corning*[®] Z-6264 Silane has a shelf life of 36 months from date of manufacture.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com or consult your local Dow Corning representative.

**LIMITED WARRANTY
INFORMATION - PLEASE
READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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