

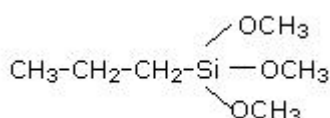
## Organosilane NPMO

### Product Description

Chemical Name: n-Propyltrimethoxysilane (PTMS)

Synonym: Trimethoxy(propyl)silane

Chemical Structure:



Empirical Formula	C <sub>6</sub> H <sub>16</sub> O <sub>3</sub> Si
Molecular Weight	164.28
CAS No.	1067-25-0
EINECS No.	213-926-7

### Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	0.938
Refractive Index, (25°C)	1.3910
Flash Point*	36°C
Boiling Point	141°C

\* Determined by ASTM Method D93 using the Pensky-Martens closed cup.

### Commodity Specification

Appearance	Colorless and transparent liquid
Content, (by GC)	98% min
Specific Gravity, (25/25°C)	0.930—0.950
Refractive Index, n <sub>D</sub> (25°C)	1.3850—1.3950

### Application Direction

General Information: It is propyl group silane that is used as an important starting material for sol-gel processes. It adds a certain amount of organic character to the siloxane network, due to the propyl group in the product.

### Packing & Storage

Normally packed in 180 kg net drums or 900kg net IBCs, sea-worthy for exporting  
 Stored in cool and dry air-flowing area preventing sunlight.

### Transport Information

Hazard Class: 3    UN No: 1993    Packing Group: III

### Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.