

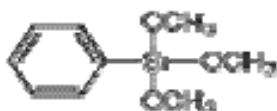
Organosilane PMO

Product Description

Chemical Name: Phenyltrimethoxysilane

Synonym: Trimethoxyphenylsilane; Trimethoxysilylbenzene

Chemical
Structure



Empirical Formula	C ₉ H ₁₄ O ₃ Si
Molecular Weight	198.29
CAS No.	2996-92-1
EINECS No.	221-066-9

Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	1.060
Refractive Index, n _D (25°C)	1.4734
Flash Point*	85°C
Boiling Point	211°C

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless and transparent liquid
Content, (by GC)	97% min
Specific Gravity, (25/25°C)	1.050—1.070
Refractive Index, n _D (25°C)	1.4700—1.4760

Application Direction

General Information: It is a phenylfunctional silane which could modify the surface of inorganic materials to make them more hydrophobic and thus increase their dispersability in mineral-filled polymers. In view of such character, it is especially suited for polymers that are processed at elevated temperature. Furthermore, it reduce the viscosity of the polymer melt. It can also be treated as an important component in sol-gel coating systems due to its phenyl group exhibits excellent thermal stability and brings flexibility. In other ways, it can be used for filler and pigment treatment.

Packing & Storage

Normally packed in 200 kg net drums UN approved, sea-worthy for exporting

Stored in cool and dry air-flowing area preventing sunlight

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.