

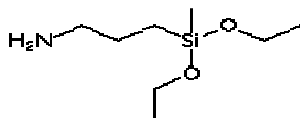
Organosilane A312

Product Description

Chemical Name: *gamma*-Aminopropylmethyldiethoxysilane

Synonym: 3-Aminopropylmethyldiethoxysilane; 3-(Methyldiethoxysilyl)propylamine

Chemical Structure:



Empirical Formula C₈H₂₁NO₂Si

Molecular Weight 191.34

CAS No. 3179-76-8

EINECS No. 221-660-8

Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (20/20 °C)	0.920
Refractive Index, n _D (25 °C)	1.4272
Boiling Point, (15 mm Hg)	88 °C
Flash Point*	68 °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, 95% min
Specific Gravity, (20/20 °C)	0.905—0.925
Refractive Index, n _D (25 °C)	1.4200—1.4400

Application Direction

General Information: It is an amino-functional coupling agent that is used over a broad range of applications to provide superior bonds between inorganic substrates and organic polymers by improving organics / inorganics reactivity and chemical bonding, especially for resins

Suitable Polymers: Acrylic, Polyolefin, Butyl, Polysulfide, Cellulosic, Polyurethane, Epoxy, PVB, Furan, Silicone, Melamine, Urea-formaldehyde, Neoprene, Nitrocellulose, Phenolic, Polyamide, Polyester, etc.

Packing & Storage

Normally packed in 180 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.