

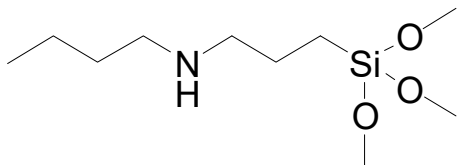
Organosilane A301B

Product Description

Chemical Name: N-(n-Butyl)-3-aminopropyltrimethoxysilane.

Synonym: N-[3-(trimethoxysilyl)propyl]butylamine.

Chemical Structure:



Empirical Formula	C ₁₀ H ₂₅ NO ₃ Si
Molecular Weight	235.40
CAS No.	31024-56-3
EINECS No.	250-437-8

Typical Physical Properties:

Appearance	Colorless to slight yellowish liquid
Specific Gravity, (20/20°C)	0.950
Refractive Index, n _D (25°C)	1.4246
Flash Point*	110°C (230°F)
Boiling Point	238°C (460°F)

* Determined by ASTM Method D93 using the Pensky-Martens Closed Cup.

Commodity Specification

Appearance	Colorless to slight yellowish liquid
Content, (by GC)	97% min
Specific Gravity, (25/25°C)	0.935—0.955
Refractive Index, n _D (25°C)	1.4200—1.4280

Application Direction

General Information: It is an n-butyl-amino group silane coupling agent. It is the most recommended silane for endcapping Polyurethanes which can fast react with free NCO group and lead to colorless low-viscosity PU prepolymers with improved UV stability and reduced yellowing tendency of sealants. It does not contain toxic aniline and does not release NCO during application.

Suitable Polymers: Epoxy, Urethane, Polyurethane (PU), PA, PBT, EVA, modified PP, Silicone, etc.

Packing & Storage

Normally packed in 190 kg net drums or 950kg net IBCs, sea-worthy for exporting.

Stored in cool dry air circulation area and prevent sunlight exposure.

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.