



Organosilane U302

Product Description

Chemical Name: *gamma*-Ureidopropyltriethoxysilane in methanol

CAS: 23779-32-0

EINECS: 245-876-7

Formula: C₁₀H₂₄N₂O₄Si

Typical Physical Properties:

Appearance	colorless and transparent liquid
Molecular Weight	mixture
Specific Gravity, (25/25)	0.920
Boiling Point, (760 mm Hg)	64.5°C
Refractive Index, (25°C)	1.386
Flash Point*	14°C

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

Commodity Specification

Appearance	colorless to light brown liquid
Content, (by GC)	50% in methanol
Refractive Index, (25°C)	1.3800-1.4000
Specific Gravity, (25/25)	0.90-0.93

Application Direction

General Information: It is an ureido silane used as a coupling agent in a wide range of applications for adhesives, sealants, coatings, foundry and fiber glass, etc.

Suitable Polymers: Acrylic, Cellulosic, Phenolic, Polyurethane, Polyvinyl Butyral, Polyamide, Silicone, Urea-formaldehyde, etc.

Packing & Storage

Normally packed in 180kg net steel drums, sea-worthy for exporting

Stored in cool and dry airflowing area preventing sunlight

Safety Materials

Material Safety Data Sheet (MSDS) is available separately