



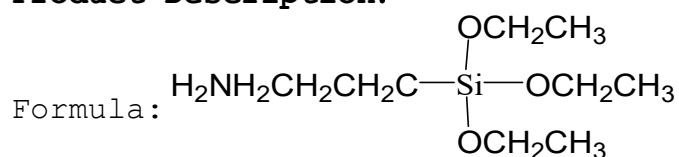
3-aminopropyl trethoxy silane

OL-2

Features and Advantages:

OL-2 is a bifunctional silane with active amino groups and hydrolyzable inorganic ethoxy silyl groups. The dual nature of its reaction allows it to organically bond inorganic materials (e.g. glass, metals, fillers) and organic polymers (e.g. thermoplastics, thermosets or elastomers) together. It IS USED AS a VISCOSIFIER, surface MODIFIER FOR ORGANIC/INORGANIC INTERFACES (ANTICORROSION, PRIMER) OR organoSILICON POLYMER OR crossLINKER (MOISTURE CROSSLINKING POLYMER). Is a colorless transparent liquid with low viscosity, with a distinct ammonia odor, soluble alcohols, aliphatic or aromatic hydrocarbons. In addition, it is completely soluble in water and immediately reacts with water.

Product Description:



Molecular formula: C₉H₂₃NO₃Si

Molecular weight: 221.4

CAS No. : 919-30-2



Chemical name: 3-aminopropyl triethoxy silane

Product Specifications:

appearance	Colorless transparent
The purity	≥95.0%
The density of 25 °C g/ml	0.9400-0.9500
The boiling point of 760 MMHG	216°C
Closed cup flash point	98°C
The refractive index of 25 °C	1.4150-1.4250

Note: The above data is for reference only and cannot be used as technical specifications

Scope of application:

Applications in coatings, adhesives, sealants: OL-2 is a good adhesion promoter in acrylic paints, adhesives, sealants. It is a binder and sealant for polysulfide, ethyl carbamate, RTV silicone rubber, epoxy resin, nitrile rubber, phenolic resin, which can increase the dispersion of the filler and maximize the adhesion of the filler to glass, aluminum and steel.

Glass fiber reinforced resin system: In glass fiber reinforced thermosetting plastics, SA-A550 can greatly improve the dry and wet flexural strength, compressive strength, shear strength and other physical mechanical properties of reinforced plastics and wet electrical properties.



Fiberglass and mineral wool insulation: Used as an additive in phenolic resin adhesives, OL-2 can give excellent moisture resistance and elastic recovery rate.

Mineral-filled resin system: OL-2 helps maximize the physical and electrical properties of mineral-filled phenolic resins, epoxies, polyamides, polyterephthalic acid, and many other thermosetting and thermoplastic composites. The wetting and dispersion of the fillers in the polymer matrix are generally also improved.

Application and casting industry: OL-2 can improve the sand strength of coated sand and reduce gas production during shell forming.

Grinding wheel: In grinding wheel manufacturing, OL-2 helps to improve the phenolic resin adhesion and water resistance of wear-resistant self-hardening sand.

Packing: 5L 25L 200L 1000L

Storage: Before using the product, carefully read the latest product safety technical information and toxicity data of the product as well as the correct storage, transportation and use information of the product. The container should be sealed after opening to prevent water vapor from entering and hydrolyzing. Stored IN THE original unopened container at ROOM temperature, the shelf life of this product is one year from the date of production. After the expired product passes the test, the buyer will decide whether to continue to use.

Remark: The company is only responsible for the sales



specifications of the products at the time of delivery, and is not liable for any indirect or incidental damage.