

Silane USi- 7301

Chloride functional organosilane

Product Description

Chemical Name:

γ -Chloropropyltrimethoxysilane

Synonyms: CPTMO;

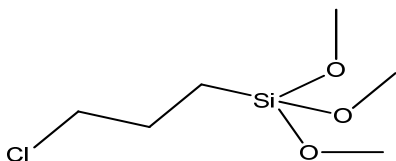
(3-Chloropropyl)trimethoxysilane

CAS NO.: 2530-87-2

EINECS No.: 219-787-9

Molecular weight: 198.72

Chemical structure:



Typical Technical Data

The below values are not intended for use in preparing specifications. Please confirm with us prior to writing specifications on this product.

Appearance: Colorless transparent liquid

Specific Gravity ($\rho_{20^{\circ}\text{C}}$, g/cm³): 1.072 ~ 1.082

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.4190 ~ 1.421

Purity (by GC, %): 98.0 min

Applications

Silane USi-7301 is an essential silane coupling agent in the below industry:

- It is main basic material used in compounding methoxy silane coupling agent. In the mean time, the product has good coupling effect with epoxy glass fiber reinforced plastics, beside which, it can also be applied to compound material, ink, gluewater and sealant material as reinforcing agent and crosslink agent.

As a kind of rubber process auxiliary agent, it can be used to couple inorganic fillers in a variety of halogenated rubber, such as neoprene rubber, chlorobutyl rubber, chlorosulfonated polyethylene rubber and so on, to produce light-color products to improve various physical and mechanical properties.

- Applied to compositing silicoorganic compound containing quaternary ammonium salt cation. When used as anti-mildew agent and deodorant finishing agent, It is bactericidal, deodorant, antistatic and surface active. The Si-OR key can realize chemical bond with substrate which contain hydroxyl group on the surface by hydrolytic condensation reaction to meet the need of washability and effectiveness.
- Organosilicon quaternary ammonium also applied to antistatic agent, blood coagulant agent, marine organism anti-fouling agent, liquid crystal alignment agent and electric control agents in electronics copier imaging agent

Safety & Storage

Customers should review the latest MSDS and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety.

MSDS is available at www.usi-chemical.com or upon request.

Keep away from heat and open flame.

When stored at or below 35 °C in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 25L pail, 200L drum and 1000L IBC

Contact Information

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