

Silane USi-6101

Alkyl silane / Non-Organoreactive Alkoxysilane

Product Description

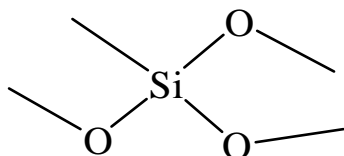
Chemical Name: Methyltrimethoxysilane

Synonyms: Trimethoxy(methyl)silane; MTMS

CAS NO.: 1185-55-3

EINECS NO.: 214-685-0

Chemical structure:



Properties

Silane USi-6101, as RTV silicone rubber crosslinking agent, as well as the silicon resin raw material, also can handle all kinds of inorganic packing.

Used as room temperature vulcanization silicone rubber crosslinking agent, glass fiber reinforced plastic laminated products and the agents, silicon dioxide coupling agent.

Meanwhile, it is also can be used in the manufacture of organic silicon compounds. Silane USi-6101, as room temperature Vulcanization silicone rubber crosslinking agent, glassfiber reinforced plastic laminated products and the treatment of SiO₂ coupling agent.

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

Colour (Pt-Co): 25 max

Specific Gravity ($\rho_{20^{\circ}\text{C},\text{g}/\text{cm}^3}$): 0.930 ~ 0.970

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.3645~1.3655

Purity (by GC,%): 99.0 min

Applications

Silane USi-6101 is used as additive and adhesion in applications as follow:

- It can be used to polymerize with other monomers to be special and high molecular compounds. Be used as a cross-linking agent for RTV, as coupling agent for inorganic materials e.g. glass fiber and SiO₂, as strengthening agent for laminated plastic products, etc.
- Be used to make inorganic surfaces hydrophobic. It is also used as a pigment treatment to aid in dispersion

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 25 °C in the original unopened containers, this product has a usable life of 6 months from the date of production.

Packaging

In 200L(net weight 190kg) drum,
In 1000L (net weight 950kg) IBC

Contact Information

Nanjing Union Silicon Chemical Co., Ltd.

HQ Add: Rm 2002, Overseas Chinese Plaza, NO.1
Daqiao North Road, Nanjing (210031), Jiangsu
Province P. R. China

Factory Add: Dongcheng Guanli District, Gaizhou
(115200), Liaoning, P. R. China

Tel: 86-25-58895266 58895699

Fax: 86-25-58305349

Web: www.usi-chemical.com

Email: inquiry@usichemical.com