

Silane Coupling Agent LD-560

First, foreign corresponding trademark

Union Carbide Corporation: A-187;

Dow Corning: Z-6040;

Shin-Etsu Chemical: KBM-403;

Second, chemical name

glycidyl ether oxygen propyl trimethoxy silane

Third, product characteristics

This product is an epoxy silane

Appearance: colorless transparent liquid

Boiling point: 290 Density (25 °C): 1.065 g/cm³

Refractive index (25°C): 1.426

Flash point: 110

Active ingredient: 100%

Soluble in acetone, benzene, ether, halogenated hydrocarbons and other organic solvents, easy to be hydrolyzed in water.

Forth, usages and attentions

1. It is used in epoxy adhesives and sealants to improve the performance of adhesives.
2. It is used for glass fibers with epoxy resins, ABS, phenolic resins, nylon, PBT and so on in order to improve physical performance, especially the mechanical strength, water resistance, electrical performance and heat resistance of composites.
3. It is used for inorganic fillers to strengthen composites. Inorganic fillers like aluminium hydroxide, silica, wollastonite, mica and glass beads.
4. LD-560 should be kept in sealed containers and stored in a dry place at room temperature. Shelf life is one year. The product is packed in 5kg or 10kg plastic bucket. Additional specifications must be requested.