

A-143 Silane

Product Description

Chemical Name: gamma-Chloropropyltrimethoxysilane

CAS NO. : 2530-87-2

Specifications

Appearance	Colorless transparent liquid
Colour(Pt-Co)	≤ 25
Specific Gravity (ρ 20°C, g/cm ³)	1.072-1.082
Refractive Index ($n_D^{25°C}$)	1.4133-1.4233
Purity (%)	≥ 98.0

Applications

1. The product is colorless transparent liquid. It is insoluble in water and can react with water slowly, but easily to trigger hydrolysis cross-linking reaction in the acid or alkaline environment, which 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.
2. 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.
3. 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

Packing

25 kg, 200kg plastic or iron drum