Technical Data Sheet

ChangFu® SH32
3-Mercaptopropyltrimethoxysilane

Description

ChangFu® SH32 is a sulfur functional silane with a trialkoxy group. The special structure makes it widely used as silane coupling agent, adhesion promoter as well as surface modifier in a variety of application fields.

Features & Benefits

Reactive organosilane with a thiol group.
Reacts slowly with moisture/water.
Effective for enhancing chemicals and physical properties of mineral filled elastomers.
Perform well in the surface modification of metals, glass and silica.

Applications

Used as a coupling agent and a surface modifier to produce filled elastomeric materials for rubber and tire, shoe soles, wires, and cables manufacturing.
Used as an additive to promote adhesion of organic polymers to inorganic surfaces.
Used for the surface modification of silica nanoparticles, metals, and glass.
Used to produce kaolin composites that performs as an absorbent for wastewater treatment.

Typical Properties

Description	3-Mercaptopropyltrimethoxysilane
Product No.	ChangFu® SH32
CAS No.	4420-74-0
Formula	C6H16O3SSi
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

Package

Offered in 25L pails and 200L drums.
Custom packaging is available.

Storage

Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation

See the corresponding Safety Data Sheet.