

ChangFu® VIPS

Vinyltriisopropenoxysilane



Description ChangFu® VIPS is a vinyl silane compound with relatively low molecular weight. It is primarily employed as a crosslinker for condensation curing silicone rubbers and elastomers. With a vinyl functional group and three isopropenoxo groups, it can also perform as a silane coupling agent to promote the adhesion between organic polymers and inorganic materials.

Features & Benefits Releasing acetone when curing, which is more eco-friendly.
Faster curing speed and lower dosage compared to oxime crosslinkers.
Neutral crosslinking agent for high-speed moisture cure and epoxy cure silicones.

Applications Used as a crosslinking agent to produce room temperature vulcanized silicone rubber with ChangFu® GN32(CAS#69709-01-9) as the catalyst.
Used as a water scavenger to enhance the stability of rubber and avoid premature.
Used to improve corrosion resistance performance of metals and architectural materials.
Used as a coupling agent, a crosslinker and a chain extender in the synthesis of coatings, sealants, and pharmaceutical compounds.

Typical Properties

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| Description | Vinyltriisopropenoxysilane |
| Product No. | ChangFu® VIPS |
| CAS No. | 15332-99-7 |
| Formula | C ₁₁ H ₁₈ O ₃ Si |
| 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.