

Coupling Agent

KH-560 Silane coupling agent

FEATURE

- Improve the compatibility with the epoxy resin
- Improve adhesion of the article to the substrate
- Improved bundling, protection and processing of glass fiber
- Improve composite wet mechanical strength, wet electrical properties
- Improve the antistatic properties, increased strength, improved toughness
- Improving the electrical properties of epoxy resin electronic materials and packaging materials
- Increase the adhesion to the substrate surface to improve strength and weather performance
- Increase filler and resin compatibility, anti-settling, reduce viscosity, increase the surface area coated

TYPE

3-glycidoxy-propyl trimethoxy silane

TYPICAL PROPERTIES

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|----------------------------|--|
| Appearance: | colorless transparent liquid |
| Content: | $\geq 98\%$ |
| Flash point: | 110 °C |
| Boiling point: | 290 °C |
| Molecular weight: | 236 |
| CAS No.: | NO. 2530-83-8 |
| Density: | 1.068 ~ 1.075g/cm ³ |
| Refractive index: | ND25 1.4275 ~ 1.4300 |
| Structural formula: | NN.CH2.CH2.CH2.Si(OC2H5)3 |
| Formula: | CH2CHCH2O(CH2)3SI(OCH3)3 |
| Solubility: | Soluble in organic solvents, soluble in water PH value of 3.5-4, and hydrolyzed to produce silanol |

APPLICATION

- Paint
- Electronic potting epoxy resin
- Glass fiber and glass fiber reinforced plastic

COUPLING AGENT

**STORAGE AND
HANDLING**

- Available in 25 kg/drum
 - Store products in tightly closed original containers at 5-40°C
 - Shelf life: 12 months from delivery date
 - According to non-dangerous goods transport
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