

Coupling Agent

KH-580 Silane coupling agent

Feature

Improve the physical and mechanical properties
Make rubber silica and other inorganic fillers to produce good coupling effect
Can be used as rust remover, active agents, coupling agents, crosslinking agents, reinforcing agents
Can improve the tensile strength of the rubber, reducing its compression set, abrasion resistance improved rubber
Can improve its corrosion resistance, oxidation resistance and an increase in resin and other polymer materials with adhesion surface

Type

γ - methacryloxypropyl trimethoxy silane

Typical properties

Appearance:	Colorless, transparent liquid slightly special smell
Content:	$\geq 95\%$
Flash point:	87°C
Boiling point:	82.5°C
Molecular weight:	238
CAS No.:	14814-09-06
Ethanol content:	$\leq 1.0\%$
Refractive index:	1.430 \pm 0.020
Structural formula:	(C ₂ H ₅ O) ₃ SiCH ₂ CH ₂ CH ₂ -SH
Recommended Consumption	1% by weight of filler
Solubility:	Soluble in ethanol, acetone, benzene, toluene and other solvents, insoluble in water, but contact with water or moisture prone hydrolysis

COUPLING AGENT

SINOGRACE

The Chemical Company

Application

- Wire and Cable
 - Coatings, adhesives and sealants
 - Unsaturated polyester composites
 - Glass fiber and glass fiber reinforced plastic
 - Unsaturated resin, EPDM, ABS, PVC, PE, PP, PS, acrylic, etc.
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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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