

Coupling Agent

KH-540 Silane coupling agent

FEATURE

- Excellent adhesion promoters
- Increase the compression resilience
- Improve strength and moisture resistance
- Improve the filler in the polymer wetting and dispersion
- Improve the physical and mechanical reinforced plastic dry and wet bending strength, compressive strength, shear strength, etc.
- Enhance the cohesion and improve the mechanical, electrical, water resistance, anti-aging properties
- Improve the dispersion of pigment and increase of glass, aluminum, ferrous metal adhesion

TYPE

γ - aminopropyl trimethoxysilane

TYPICAL PROPERTIES

Appearance:	colorless transparent liquid
Content:	≥97%
Flash point:	110 °C
Boiling point:	≥290 °C
Molecular Weight:	179
Density:	1.005-1.025g/cm³
CAS Number:	13822-56-5
Refractive index:	ND25 1.420-1.430
Structural formula:	NH₂(CH₂)₃Si(OCH₃)₃
Corresponding trademark:	A-1110(Union Carbide); Z-6011(Dow Corning); KBM-903(Shin-Etsu)
Solubility:	Silane coupling agent KH-540 is a kind of reactive silane coupling agent. Soluble in benzene, ethyl acetate and other organic solvents, easily to hydrolysis and crosslinking reaction

APPLICATION

- It can be used as a variety of mineral-filled polymer viscosity and accelerators

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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