

Coupling Agent

KH-550 Silane coupling agent

FEATURE

- Excellent adhesion promoters
- Improve strength and moisture resistance
- Improve the filler in the polymer wetting and dispersion
- Increase the moisture resistance and increase the compression resilience
- 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
Boiling point:	217°C
Density:	0.946g/cm ³
Refractive index:	1.420
Structural formula:	NN.CH ₂ .CH ₂ .CH ₂ .Si(OC ₂ H ₅) ₃
Alternative Products:	A-1110(Union Carbide); Z-6011(Dow Corning); KBM-903(Shin-Etsu)
Solubility:	Soluble in organic solvents and water, but acetone, carbon tetrachloride is not suitable

APPLICATION

- Polyurethane, epoxy and acrylic latex pain
- Conjugated organic polymer and inorganic fillers
- Polyurethane, epoxy, nitrile, phenol aldehyde adhesive and sealed materia
- Mineral-filled phenolic, polyester, epoxy, PBT, polyamide, carbonate and other thermoplastic and thermosetting resins

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



Website QR code