

## Coupling Agent

### A-151 Silane coupling agent

<b>TYPE</b>	Phenyltriethoxysilane
<b>TYPICAL PROPERTIES</b>	<b>Appearance:</b> colorless transparent liquid
	<b>CAS:</b> 78-08-0
	<b>Molecular formula:</b> CH <sub>2</sub> = CHSi (OCH <sub>2</sub> CH <sub>3</sub> ) <sub>3</sub>
	<b>Dilution:</b> soluble in organic solvents, insoluble in water PH = 7, the acidic water-soluble PH3-3.5
<b>APPLICATION</b>	<ul style="list-style-type: none"><li>● <b>Filler treatment</b> :The coupling agent for improving the affinity of glass fibers, inorganic fillers and vinyl reactive resin between the reinforced polyester resin</li><li>● <b>Engineering Plastics:</b> A-151 silane coupling agent for a variety of complex shapes, all density polyethylene and copolymers, for large processing latitude, filled composite materials, has a high temperature, excellent the resistance to stress cracking resistance, memory, wear resistance and impact resistance</li><li>● <b>Reforming Resin:</b> A-151 coupling agent and the role of both the cross-linking agent, suitable polymers include polyethylene, polypropylene, unsaturated polyester</li><li>● <b>Sealants:</b> A-151 silane coupling agent used in the preparation of electronic components plastic sealant material. Polybutadiene plastic material, the use of the product treated filler quartz powder, to improve the surface polybutadiene resin and quartz powder three-way combination of reinforced plastics density, thereby improving the moisture resistance of the plastic material</li><li>● <b>Moisture treatment:</b> Silane coupling agent A-151 as an electronic component surface moisture treatment, available in garden trimming sheet type ceramic capacitor dielectric anti-high-pressure composite dielectric capacitor surface moisture treatment to improve moisture resistance and surface finish of products, improve product qualified rate</li></ul>

# COUPLING AGENT

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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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