

## Coupling Agent

### SI-69 Silane coupling agent

<b>FEATURE</b>	<ul style="list-style-type: none"><li>● Improved dynamic characteristics like</li><li>● Improve the stability of cross-linking, tear, shear, water resistance, etc., lower compression deformation, heat resistance</li></ul>
<b>TYPE</b>	Sulfur-containing silane coupling agent
<b>TYPICAL PROPERTIES</b>	<p><b>Appearance:</b> brown transparent liquid</p> <p><b>Flash point:</b> <math>\geq 100</math> °C</p> <p><b>Sulfur content:</b> <math>\geq 22.5\%</math></p> <p><b>CAS No.:</b> 40372-72-3</p> <p><b>Density:</b> 1.069g/cm<sup>3</sup></p> <p><b>Refractive index:</b> 1.493</p> <p><b>Chemical name:</b> bis (<math>\gamma</math>- triethoxysilylpropyl silylpropyl) - tetrasulfide</p> <p><b>Structural formula:</b> <math>(C_2H_5O)_3SiCH_2CH_2CH_2S_4CH_2CH_2CH_2Si(OC_2H_5)_3</math></p>
<b>APPLICATION</b>	<ul style="list-style-type: none"><li>● Sulfur vulcanized rubber</li><li>● Types of rubber: Natural rubber, styrene-butadiene rubber, nitrile rubber, neoprene, butyl rubber, butadiene rubber, isoprene rubber and EPDM</li><li>● Inorganic fillers, carbon black, silica, glass fiber, talc, mica, fly ash, clay, etc.</li><li>● Rubber products, tires (tread, carcass, tire outer wall), solid rubber tire rubber roller surface</li><li>● Conveyor surface, brush steel wire binding, cables, shoes (back shoes, marathon shoes, tennis shoes)</li></ul>
<b>STORAGE AND HANDLING</b>	<ul style="list-style-type: none"><li>● Available in 25 kg/drum</li><li>● Store products in tightly closed original containers at 5-40°C</li><li>● Shelf life: 12 months from delivery date</li><li>● According to non-dangerous goods transport</li></ul>