

Si-69

Product Description

ChemicalName: Bis-[γ-(triethoxysilyl)-propyl]-tetrasulfide

CAS NO.: 40372-72-3

Specifications

Appearance	transparent or light yellow liquid
Viscosity (cst)	11.2
Specific Gravity (20°C, g/cm ³)	1.084-1.094
Refractive Index ($n_D^{25^\circ C}$)	1.4845-1.4855
Sulfur content (%)	≤ 22

Applications

Si-69 is a kind of silane coupling agent with multiple functional groups successfully used in rubber industry to improve modulus and tensile strength of rubber, to reduce the compound viscosity and save process energy consumption. It's especially applicable for polymers with double bond or rubber formulation with hydroxyl fillers. The suitable fillers include silica, silicate, clay, etc. The suitable rubber include natural rubber (NR), Butadiene styrene rubber (SBR), Isoprene rubber (IR), Butadiene rubber (BR), Acrylonitrile butadiene rubber (NBR), Ethylene propylene diene rubber (EPDM), etc.

Packing

25 kg, 200kg plastic or iron drum