



鎮江宏馬精細化工有限公司

ZHENJIANG WHOLEMARK FINE CHEMICAL CO., LTD.

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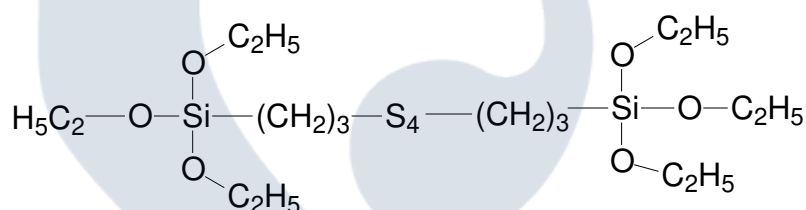
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Technical Data Sheet

Markosi[®] 69



Bis[(3-triethoxysilyl)-propyl] tetrasulfide

CAS No.: 40372-72-3

<u>Item</u>	<u>Specification</u>
Purity	≥98.0%
Color	Pale Yellow
Physical Form	Clear liquid
Alcohol Content	≤0.5%
Bis[(3-triethoxysilyl)-propyl] tetrasulfide	≤3.0%
Other Impurities Content	≤0.5%
Total sulfur Content	22.0~23.85%
Free Sulfur Content	≤1.0%
Average Sulfur Chain Length	3.6~3.9
Flash Point	≥100℃
Water Content(%)	≤2.5%

Description:

Light yellow transparent liquid with slight ethyl alcohol odor, easily soluble in organic solvents such as ethyl alcohol, acetone, benzene, toluene and chlorohydrocarbon ,etc.

Molecular weight:

538.95

Application:

Markosi[®] 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 is 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: 25kg/plastic drum

Storage: In excess of six (6) months when stored under normal condition in a cool, dry place Away from any direct sources of heat and light.

Issue date: **Jan. 01, 2024**



RAJSHILA[®]