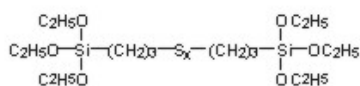


Organosilane S4

Product Description

Chemical Name: *Bis[gamma-(triethoxysilyl)propyl]tetrasulfide*

Chemical Structure:



X = 3.75

Empirical Formula	C ₁₈ H ₄₂ O ₆ S ₄ Si ₂
Average Molecular Weight	538.96
CAS No.	40372-72-3
EINECS No.	254-896-5

Typical Physical Properties:

Appearance	Yellowish and transparent liquid
Specific Gravity, (20/20°C)	1.095
Refractive Index, (25°C)	1.4900
Flash Point*	102°C (215°F)
Boiling Point	250°C (decomposition)

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Yellowish and transparent liquid
Total Sulfur	21.5—23.0%
Specific Gravity, (25/25°C)	1.070—1.100
Refractive Index, (25°C)	1.4850—1.4950
Flash Point	>100°C
Viscosity, (25°C)	18cps, max

Application Direction

General Information: It is a bifunctional polysulfide silane with four sulfur atoms in the center of structure that finds use as adhesion promoter for precious metals, and coupling agent & vulcanizing agent for rubbers, it is used to improve the physical properties of sulfur cured compounds and to establish the chemical link between rubber and silica or other active white fillers.

Suitable Usage: mainly but widely used in rubber industry

Packing & Storage

Normally packed in 200kg net drums UN approved. Can also packed in IBC (1,000kgs net), sea-worthy for exporting

Stored in cool and dry air-flowing area preventing sunlight.

Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.