

Technical Data Sheet

Product Name: JC SICA - 69

Chemical Composition: TESPT, which stands for **Bis [3-(triethoxysilyl)propyl] tetra sulfide**.

Function: JC SICA - 69 functions by bonding silica filler to rubber, improving filler dispersion and creating Strong chemical bond during vulcanization, which enhances the strength, durability, and performance Of rubber Products.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Light yellow liquid
2	Sulfur Content (%)	%	21.7- 23.7
3	Flash Point	°C	≥100

Advantage:

Improves silica dispersion in rubber.
Enhances filler–rubber bonding.
Increases tensile strength and durability
Reduces rolling resistance (better fuel efficiency).
Improves wet and dry traction (better grip).
Enhances heat and aging resistance.
Lowers compound viscosity (easier processing).
Improves abrasion and tear resistance.

Standard Packing: 25 Kg or 200 kg plastic Drum.

Shelf life: One years in ventilating, cool And dry area.

Storage: Kept in a low temperature, dry and ventilated place, avoid direct sunlight.

Dosage: 1.0-4.0 PHR

Application: Tires, Belting (Conveyor and Transmission), Molded and Extruded rubber goods, Footwear, Hoses and Tubing.

Mode of Action JC SICA - 69 (TESPT) functions by bonding silica filler to rubber, improving filler dispersion and Creating strong chemical bonds during vulcanization, which enhances the strength, durability, and performance of Rubber compounds.

Declaration: All Information in This Publication is in Accordance with Our Present Experience and Knowledge. However, Since We Have No Influence on the Way in Which Our Products Are Treated and Used, We Can Not take Any Responsibility in This Respect. The User Must Assume Responsibility Himself for Checking Whether The Products Are Suitable For The Purpose And Use Proposed By Him. All Existing Proprietary Rights, laws And Regulations Shall Be Observed.

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