

## Deolink TESPT

**INTRODUCTION:** **Deolink TESPT** is an activator for fillers and is based on sulfur-silane chemistry. It links to the rubber through the tetrasulfane group and to silica and other active white fillers through the ethoxy group leading to an improvement of the physical properties of the sulfur cured vulcanizate.

**CHEMICAL COMPOSITION:** Bis(3-triethoxysilylpropyl) tetrasulfane, 50% active on an EVA wax polymer carrier

**APPEARANCE:** Yellow pellets

**TYPICAL PROPERTIES:**

Active (%)	50
Total Sulfur (%), ASTM D 1552	10 - 13
Dropping point (°C), Mettler apparatus DIN ISO 2176	72 ± 5
Density @20°C (DIN ISO 787 part 10A)	1.0 g/cm <sup>3</sup>

Note: The above analytical data are not specifications.

**ADVANTAGES:** Deolink TESPT improves the tensile strength, modulus, compression set, and abrasion resistance for all commonly used elastomers. Best results are obtained at elevated mixing temperatures at about 120 – 140°C. Typical dosage is 10% of the silica-filler load. It is mainly recommended for sulfur crosslinked compounds. The EVA wax carrier protects the silane from hydrolysis.

**APPLICATION:** Wide range of elastomers and applications such as cables, roller coverings, seals, conveyer/V-belts, shoe soles, hoses and tubes, molded articles.

**STANDARD: PACKAGING** 20 kg in cardboard box with PE liner

**STORAGE:** Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 25°C

**SHELF LIFE:** Min. one year in the originally sealed package under the recommended storage conditions

**HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **Deolink TESPT**

**REGISTRATION:** Please refer to the Material Safety Data Sheet

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