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/cm³

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: 20 kg in cardboard box with PE liner

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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