



ORIENTAL CARBON AND CHEMICALS LIMITED

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SPECIFICATION SHEET OF **Diamond Sulf OT-33 HS (DS-OT-33 HS)**

Description	Product Specification (%)	Test Method
Total Sulphur	66 – 68	ASTM D 4573
Insoluble Sulphur (on Total Sulphur)	90 min	ASTM D 4578
Oil content	32 – 34	ASTM D 4573
Acidity (as H ₂ SO ₄)	0.05 max.	ASTM D 4569
Ash content	0.05 max.	ASTM D 4574
Heat Loss	0.50 max.	ASTM D 4571
Fineness Retention (on wet screen)		ASTM D 4572
@ 100 mesh	0.20	
@ 200 mesh	2.00	
Thermal Stability @ 105°C for 15 min. in Liquid Paraffin	80 min	In-house method

Physical Appearance: Fine yellow powder.

Recommended Dosage factor of this grade: 1.49 x (desired phr of sulphur)

Application Benefit : **DS-OT-33 HS** is a special grade of DIAMOND SULF possessing higher level of thermal stability provides optimum resistance to reversion to the soluble form of sulphur even at elevated temperatures. It facilitates enhanced bloom protection. It also ensures more consistent vulcanizing properties and allows storage at relatively higher ambient temperature

Shelf – Life : 1 year from the manufacturing date (subject to the storage in dry ambience and at room temperature)

Date : 16/12/2016