



## **ORIENTAL CARBON AND CHEMICALS LIMITED**

14<sup>th</sup> Floor, Tower-B, World Trade Tower,  
Plot No. C-1, Sector-16, Noida-201301, U.P., India

### **SPECIFICATION SHEET OF** **Diamond Sulf OT-10 HS(DS-OT-10 HS)**

<b>Description</b>	<b>Product Specification (%)</b>	<b>Test Method</b>
Total Sulphur	89 – 91	ASTM D 4573
Insoluble Sulphur (On Total Sulphur)	90 min	ASTM D 4578
Oil content	9 - 11	ASTM D 4573
Acidity (as H <sub>2</sub> SO <sub>4</sub> )	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:** 1.11 x (desired phr of sulphur)

**Application Benefit :** **DS-OT-10 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