



ORIENTAL CARBON AND CHEMICALS LIMITED

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

SPECIFICATION SHEET OF **Diamond Sulf OT-20 HD (DS-OT-20 HD)**

Description	Product Specification (%)	Test Method
Total Sulphur	78.5 – 81.5	ASTM D 4573
Insoluble Sulphur (On Total Sulphur)	90 min	ASTM D 4578
Total Binder Content	18.5 – 21.5	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
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: 1.25 x (desired phr of sulphur)

Application Benefit : **DS-OT-20 HD** is a special grade of DIAMOND SULF exhibiting higher levels of dispersion. During the mixing process this grade disperses more easily leading to reduction in incorporation time under identical conditions. This grade contains requisite quantity of suitable polymeric binder which facilitates better dispersion resulting in homogeneous vulcanisation and physical properties.

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

Date : 12/12/2016