



# Technical Data Sheet

## Diamond Sulf OT 16 (DS OT 16)

### Product Description

DS OT 16 is a mixture of *Homo-Polymer of Sulfur, Zinc Oxide* and *Napthenic Oil*. It is a non-blooming vulcanizing agent for unsaturated elastomers. Being a grade of Insoluble Sulfur, it is insoluble in carbon disulfide.

### Technical Specification

| Description               | Product Specification (%) | Ref. Test Method |
|---------------------------|---------------------------|------------------|
| Total Sulphur             | 61-65                     |                  |
| CS <sub>2</sub> Insoluble | 76 min                    | ASTM D 4578      |
| Oil content               | 15.8 +/- 2                | ASTM D 4573      |
| Ash content               | 21 +/- 1.5                | ASTM D 4574      |
| Heat Loss                 | 0.50 max.                 | ASTM D 4571      |

**Physical Appearance:** Fine yellow powder.

**Recommended Dosage factor of this grade:** 1.59 x (desired phr of sulfur)

### Application and Advantages

**DS OT 16** is a special grade of DIAMOND SULF, where Zinc Oxide is suitably blended with Insoluble Sulphur alongwith coating oil.

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

### Storage Condition

Store in cool, dry place with proper ventilation, away from acid, bases, oxidizing agents, amines, direct sunlight and source of heat or ignition

### Environmental Precautions

Prevent leakage or spillage. Do not let the product to enter drains. Discharge into the environment must be avoided. Keep material in proper packing and ventilated storage.

### Safety Precautions



**OCCL LIMITED**



Use tight-fitting goggles, face shield or safety glasses with side shields if there is any chance of eye contact. Avoid skin contact. Use chemically resistant gloves (Nitrile rubber or Neoprene gloves preferred), boots, and apron if risk of contact persists.

Please refer to the appropriate Safety Data Sheet (SDS) for details.

### **Packaging**

For International market, 25 Kg Paper Bag & 700 Kg Big Bag

For domestic market, 25 Kg HDPE/PP Bag

Date : 01/07/2024

RAJSHILA®