

**SOVEREIGN CHEMICAL COMPANY**

1225 West Market St., Akron OH 44313

Phone: 330-869-0500, Fax: 330-869-0518

www.sovchem.net

Sunsine HS-OT20 Oiled Powder

Manufacturer Shandong Sunsine Chemical Co., Ltd.

Classification Sulfur

Chemical Composition

Empirical Formula: S (n)
Molecular Weight: 256.5 g
CA Nomenclature: Polymeric Sulfur

Physical Data**Specification Properties**

	Value	Test Method
Element Sulfur Content, %	79.0-81.0	ASTM D 4574
Insoluble Sulfur Content, %	90.0 Minimum	ASTM D 4578-89
Oil Content, %	19.0-21.0	ASTM D 4573-02
Heat Loss, % 2Hr @70°C	0.50 Maximum	ASTM D 4571-02
Sieve Residue, % on 100 mesh	0.3 Maximum	ASTM D 4572
Ash, %	0.10 Maximum	ASTM D 4574-02
Acidity, %	0.05 Maximum	ASTM D 4569
High Temperature Stability, % 105°C x 15 min	75.0 Mimimum	Supplier

Typical Properties

Physical Form	Yellow powder	Visual
Specific Gravity	1.57	Typical

Applications

Non-staining, non-coloring Sulfur curing agent. Used to retard bin scorch, prevent migration of sulfur and preserve surface tack which is important in the manufacture of tires and other plied-up rubber goods.

Packaging, Storage and Handling

Packaging: 25 Kg (55.1lb) bag

Shelf Life: 2 years if stored as indicated below.

Storage: Store in a well ventilated area below 30°C, avoiding direct sunlight. Do not store near products that can emit free amines such as sulfenamides and DTDM. Amines and other alkaline vapors cause **Sovchem® HS-OT20** to revert to Rubber Maker Sulfur at any temperature. High temperatures also cause reversion to Rubber Maker Sulfur.

Specification Date: July 14, 2016 (Supercedes: June 8, 2012)