

Sunsine HD OT20 Oiled Powder

Manufacturer: Shandong Sunsine Chemical Co., Ltd.
 Classification: Polymeric Sulfur
 CA Nomenclature: Oil Coated High Thermal Stable Insoluble Sulfur

Specification Properties	Value	Test Method
Acidity, %	0.05 maximum	ASTM D4569
Ash Content, %	0.15 maximum	ASTM D4574-02
Heat Loss, % @60°C	0.5 maximum	ASTM D4571-02
High Thermal Stability @ 105°C	75 minimum	Supplier
High Thermal Stability @ 120°C	45 minimum	Supplier
Insoluble Sulfur Content, %	90 minimum	ASTM D4578-89
Oil Content, %	18.5-21.5	ASTM D4573-02
Total Sulfur Content, %	78.5-81.5	ASTM D4574
Typical Properties	Value	Test Method
Physical Form	Yellow powder	Visual
Specific Gravity	1.57	Typical

> APPLICATIONS

Uses: 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 AND STORAGE

Packaging: 25 kg (55.1 lb.) bags or supersacks

Shelf Life: 2 years from date of manufacture 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 Sunsine HD-OT20 to revert to Rubber Maker Sulfur at any temperature. High temperatures also cause reversion to Rubber Maker Sulfur.

Specification Date: May 18, 2023 (Supersedes July 9, 2012)