

# Huatai HD OT 20 Oiled Powder

Manufacturer: Shandong Yanggu Huatai Chemical Co., Ltd.

Classification: Sulfur

CA Nomenclature: Polymeric Sulfur

Specification Properties	Value	Test Method
Acidity, % as H <sub>2</sub> SO <sub>4</sub>	0.05 maximum	ASTM D4569
Ash Content, %	0.1 maximum	ASTM D4574-02
High Thermal Stability @ 105 °C, %	78 minimum	Supplier
Insoluble Sulfur Content, on total S, %	94 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	1.60	Typical

## > APPLICATIONS

**Uses:** Non-staining, non-blooming and non-coloring vulcanizing 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.

**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 Huatai HD-OT20 to revert to Rubber Maker Sulfur at any temperature. High temperatures also cause reversion to Rubber Maker Sulfur.

**Specification Date:** June 1, 2017