

# A968

## CLAUS CATALYST



### DESCRIPTION

A968 is manufactured with titanium dioxide (TiO<sub>2</sub>), which improves the hydrolyzation of carbon disulfide (CS<sub>2</sub>) and carbonyl sulfide (COS) to reform hydrogen sulfide (HS<sub>2</sub>). The improved rate of hydrolysis of CS<sub>2</sub> and COS creates a more efficient process that recovers more sulfur than standard Claus catalyst products. This product has a high resistance to thermal aging, low operating temperatures in the first Claus reactor, a high level of activity during the hydrolysis of COS and CS<sub>2</sub>, and an increased working capacity during life span.

- offers improved hydrolyzation of CS<sub>2</sub> and COS to reform HS<sub>2</sub> for sulfur recovery
- high resistance to thermal aging, low temperature operation, and increased working capacity
- increased level of activity during the hydrolysis of (COS) and (CS<sub>2</sub>)
- often used to support other SulCat Claus catalyst products

### SPECIFICATIONS

Claus Catalyst			
A968			
Property	Unit	Beads	
Al <sub>2</sub> O <sub>3</sub> Content	wt%	>90	
TiO <sub>2</sub> Content	wt%	3 - 5	
Appearance	mm	Φ(4-6) white	
Bulk Density	g/mL <i>(lb/ft<sup>3</sup>)</i>	0.68-0.78 <i>(42.4-48.7)</i>	
Average Crush Strength	kg/bead <i>(lbm*ft/s<sup>2</sup>)</i>	≥9 <i>(≥19.8)</i>	
Attrition	wt%	≤1	
Loss On Ignition 1,000°C <i>(1,832°F)</i>	wt%	<6	
Packaging Options	200kg <i>(440.9lb)</i> / Drum		

### INDUSTRIES USED

sulfur recovery units

Claus process

### STORAGE

The product should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

## CONNECT WITH US...

### Hengye Inc.

11999 Katy Frwy, Suite 588

Houston, Texas 77079

Office (832) 288-4288

Fax (832) 288-4230

info@hengyeinc.com



# HENGYE



ISO 9001:2008



ISO 14001:2004