

BLENDING SULCAT

CLAUS CATALYST



DESCRIPTION

Blended SulCat is manufactured to contain titanium dioxide (TiO₂), which improves the hydrolyzation of CS₂ and COS to reform hydrogen sulfide (HS₂). The improved rate of hydrolysis of carbon disulfide (CS₂) and carbonyl sulfide (COS) creates a more efficient process, which 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 carbonyl sulfide (COS) and carbon disulfide (CS₂), and increased working capacity during life span.

- offers improved hydrolyzation of CS₂ and COS to reform HS₂ 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 (CS₂)
- often used to support other SulCat Claus catalyst products

SPECIFICATIONS

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

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