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## [Alumina Based Titanium Oxide Claus Catalyst](#)

### Alumina Based Titanium Oxide Claus Catalyst

The PSR-21 alumina based titanium oxide Claus catalyst is in the form of a  $\Phi$ 4-6mm sphere.

#### Application

The alumina based titanium oxide Claus catalyst is typically used in sulfur recovery units, and other units where it is fully loaded or loaded in combination with other Claus catalysts.

#### Physical Properties

Appearance (mm)	$\Phi$ 4~6 white ball
Al <sub>2</sub> O <sub>3</sub> (m/m)	Min. 85%
TiO <sub>2</sub> (m/m)	Min. 3%
Specific Surface Area (m <sup>2</sup> /g)	Min. 260
Pore Volume (ml/g)	Min. 0.35
Bulk Density (kg/L)	0.70~0.75
Compressive Strength (N/particle)	Min.130
Abrasion (m/m)	Max. 0.3%

#### Operation Conditions

Pressure (MPa)	~0.2MPa
Temperature (°C)	220-350
Space Velocity (h <sub>-1</sub> )	200 - 1000

Packing: Shrink wrap the alumina based titanium oxide Claus catalyst in 200L steel drums lined with plastic bags, with 3 or 4 drums per pallet.

Chempack is a leading alumina based titanium oxide Claus catalyst manufacturer, located in China. Since we were founded in 1970, we have accumulated rich much experience in producing quality products for worldwide customers. Due to our management in compliance with international standards, our company is ISO9001:2000 approved. Hence, you can feel secure in purchasing our oxygen removal, alumina support ball, tower packing, and many other products. With reliable quality at economical prices, our chemical products are now becoming increasingly popular with customers from Britain, Germany, Kuwait, South Korea, New Zealand, Indonesia, Thailand, Philippines, and more. If you have need for these products, we encourage you to contact us and try our products. We at Chempack are confident that you will be satisfied with our superior products and courteous service.

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