
[Titanium Dioxide Based Claus Catalyst](#)

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The PSR-31 titanium dioxide based Claus catalyst, which is used for sulfur recovery, comes in the form of a $\Phi 4$ mm extrudate.

Application

The titanium dioxide based Claus catalyst suits use in sulfur recovery units as hydrolysis catalyst for COS, CS₂ hydrolysis. The hydrolyst can be fully loaded or loaded in combination with other catalysts.

Physical Properties

Appearance (mm)	$\Phi 4 \times 5 \sim 15$ white extrudate
TiO ₂ Auxiliary Agent (m/m)	Min. 85%
Specific Surface Area (m ² /g)	Min.100
Bulk Density (kg/L)	0.80~0.95
Compressive Strength (N/cm)	Min.100
Abrasion (m/m)	Max.1.0%

Operation Conditions

Pressure (MPa)	~0.2MPa
Temperature (°C)	220-350
Space Velocity (h ₋₁)	500-1500

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

Chempack is an ISO9001:2000 approved Chinese titanium dioxide based Claus catalyst manufacturer. Over the past 40 years of experience in the research, development and production of chemical products, we are happy to be able to manufacture reliable products for global customers. Our location in Jiangxi province affords us easy access to convenient transportation, which allows us deliver goods at low shipping charges for our clients. If you are interested in our sulfur recovery catalyst, ammonia catalyst, molecular sieve, or other products, please see our related product webpage to find the right product for your needs, or you can also contact us directly. The staff at Chempack looks forward to hearing from you.

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