
[Ferrous Sulfate Based Claus Catalyst \(Oxygen Scavenger\)](#)

Ferrous Sulfate Based Claus Catalyst (Oxygen Scavenger)

The PSR-41 ferrous sulfate based Claus catalyst is shaped like a sphere with diameter of 4-6mm.

Application

This ferrous sulfate based Claus catalyst is commonly used in sulfur recovery units. As an oxygen scavenger, the guard catalyst serves to provide lacunae O₂ protection to prevent alumina based catalyst from sulfate poisoning.

Physical Properties

Appearance (mm)	Φ4~6 brown spheres
Al ₂ O ₃ (m/m)	Min. 80%
Active Component (m/m)	Min. 5%
Specific Surface Area (m ² /g)	Min. 260
Bulk Density (kg/L)	0.70~0.82
Compressive Strength (N/particle)	Min. 130
Abrasion (m/m)	Max. 0.3%

Operation Conditions

Pressure (MPa)	~0.2MPa
Temperature (°C)	260-380
Space Velocity (h ₋₁)	200 - 1500

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

As a Chinese ferrous sulfate based Claus catalyst manufacturer, Chempack is specialized in the production and sale of a complete line of carbon monoxide removal, oxygen scavenger, alumina support ball, tower packing, and related chemical products. We offer complete after sales service, so you can feel secure in choosing and using our products. Technical support and special OEM service is available, if needed. If you are in need of these chemical products, please feel free to contact us and try our products. The staff at Chempack looks forward to working with more global customers.

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