

Technical Data Sheet

Claus Catalyst

Activated Alumina

Formula:

Al₂O₃ 99% minimum

Function:

It is a white or slight-red particle, ball-shaped, insoluble in water and organic solvent, soluble in strong acids and alkalis, odorless, tasteless, and non-toxic. After absorbing moisture in air, it does not expand and crack, and keeps its original shape. It has high strength and better thermal stability.

It is widely used as catalyst for recovering sulfur in petrochemical industry. As a catalyst in the Claus sulfur recovering unit for treating gases with sulfuric acid containing in petrochemical and other industries, with its high inversion rate, long durability and effective de-sulfurizing on exhaust gases.

Our excellent type is specially developed as Claus Catalyst for conversion of H₂S gas to elemental sulfur. With reasonable structure and higher application performance, the products are mainly used as catalyst for oil production and Claus sulfur recycling equipment full of acidic gas, featuring high transfer efficiency, long life, and good effect of de-sulfurization.

SiO ₂ %	Fe ₂ O ₃ %	Na ₂ O %	L.O.I %	Porosity Volume (ml/g)	BET m ₂ /g	Bulk Density kg/l	Crushing Strength N	Abrasion Loss %
≤ 0.02	≤ 0.02	≤ 0.35	≤ 6	≥ 0.45	≥ 325	0.7-0.75	≥ 150	1

Sizes:

3X6 mesh, up size and down size both less than 2%

Packaging:

25 kg double walled bags