
[Carbonyl Sulfide Hydrolysis Catalyst \(COS\)](#)

Carbonyl Sulfide Hydrolysis Catalyst (COS)

Chempack COS hydrolysis catalyst HCOS-21 is designed and made to promote hydrolysis reaction between carbonyl sulfide and water. It can hydrolyze organic sulfur and adsorb various sulfur compounds. This catalyst is suitable for use at 40 to 100°C, and its service life is about one year. Form: spheres, 3-5mm

Physical Properties of Carbonyl Sulfide Hydrolysis Catalyst

Appearance	white spheres
Size, mm	Φ3-5
Bulk density, kg/L	0.8-1.0

Quality Form

Crushing strength (average), N/cm	50
Loss on attrition, %	Max.3
COS conversion, %	Min.95

Operation Condition

Pressure	ambient to 5.0 MPa
Temperature, °C	100-40
LHSV, h ⁻¹	3-5
L/D of reactor	Min.3
Sulfur(mainly COS), ppm	Max.10
Water in feed, ppm	Max.1500

Packing: Net 200L steel drums with plastic lined 4 or 3 drums per pallet and shrink wrapped.

As an experienced carbonyl sulfide hydrolysis catalyst manufacturer in China, we produce a wide range of catalysts, to accommodate any need you may have. Some of our primary products include sulfur recovery catalyst, methanation catalyst, arsenic removal catalyst, and more. We at Chempack can also manufacture our products according to customers'special requirements. Thanks to our dedication to product improvement, our catalysts are reliable, economical and eco friendly. As a result, they are in great demand by customers from Britain, Germany, Kuwait, Syria, Jordan, Korea, New Zealand, Thailand, Indonesia, Philippines, to name a few.

Thank you for visiting our website! We look forward to hearing from more customers worldwide.

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