
[Benzene Hydrogenation Catalyst \(White Oil, Aromatic\)](#)

Benzene Hydrogenation Catalyst (White Oil, Aromatic)

The HB-10H nickel based benzene hydrogenation catalyst, can be used for hydrogenation of unsaturated aliphatic hydrocarbon and aromatic hydrocarbon, and removal of organic sulfides from liquid hydrocarbon. The white oil, aromatic hydrogenation catalyst can either be formed as a $\Phi 5\text{mm}$ cylinder or a $\Phi 2\text{mm}$ extrudate.

Physical Properties

Item	Standard	Item	Standard
Appearance	Black cylinders or extrudates	Nickel (wt %)	Min. 42%
Particle Size (mm)	$\Phi 5 \times 5$ (cylinders), 2.0x2-15 (extrudates)		
Chemical Composition	Nickel-alumina	Surface Area (m^2/g)	80-130
Crushing Strength (N/cm)	Min.130 (cylinders), min. 100 (extrudates)	Bulk Density (kg/L)	0.90-

Operation Conditions

Process Parameters	Hydrogen Partial Pressure (MPa)	Temperature ($^{\circ}\text{C}$)	Space Velocity (hr^{-1})	Hydrogen to Benzene Molecular Ratio
	0.1-2.0	120-230	0.1-4.0	3.5-10
Raw Material	Benzene content, 0.1-100%; Balance, cyclohexane			
Hydrogenated Products	Outlet benzene content, max. 100ppm; Benzene conversion, min. 99.5%.			

Packing: Shrink wrap the benzene hydrogenation catalyst in 200L steel drums lined with plastic bags, with 3 or 4 drums per pallet.

Chempack is a leading Chinese benzene hydrogenation catalyst manufacturer, with 40 years of experience in the chemical industry. In order to accommodate increasing market demands for chemical products, we provide an extensive line of high quality oxygen removal, carbon monoxide removal, tower packing, and other products. We also offer attentive after sales service and OEM service, in addition to reliable products, to better serve our customers. Therefore, we have a large number of clients from many countries, such as Germany, Britain, Kuwait, Syria, Iran, Jordan, Saudi Arabia, South Korea, and many others. If you are in need of the benzene hydrogenation catalyst, or other chemical products, please contact us. We at Chempack are fully confident that you will be pleased with our superior products at competitive prices.

FEED BACK FORM

E-mail:

Message:

Product Name:

Your Name:

Company:

FAX / TEL:

MSN/SKYPE

Address: