

---

## [Aniline Hydrogenation Catalyst](#)

### **Aniline Hydrogenation Catalyst**

The HAC-1 cobalt based aniline hydrogenation catalyst is typically applicable to the hydrogenation of aniline to obtain cyclohexylamine. With the help of the aniline hydrogenation catalyst, 100% aniline can be hydrogenated into less than 100ppm. The hydrogenation catalyst is usually in the form of a  $\Phi$ 5mm extrudate.

#### **Physical Properties**

Item	Standard
Appearance	Black extrudates
Particle Size (mm)	$\Phi$ 5 x 5-10
Chemical Composition	Cobalt plus carrier
Cobalt Oxide (wt %)	Min. 30
Crushing Strength (N/particle)	Min. 60
Bulk Density (kg/L)	1.0 - 1.1

#### **Operation Conditions**

Process Parameters	Pressure (Mpa)	Temperature (°C)	Space Velocity (h <sup>-1</sup> )	Hydrogen to Aniline Molecular Ratio
	Ambient atmosphere	160-175	0.1	20
Raw Material	Aniline, min. 98.5%; water, max.0.4%; no sulfur or sulfides.			
Hydrogenated Products	Conversion of aniline, min. 97%; cyclohexane content, min. 90%			

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

Chempack, as an ISO9001:2000 approved aniline hydrogenation catalyst manufacturer, has been involved in the chemical product industry for 40 years. In order to accommodate every need customers may have, we provide a complete range of oxygen removal, carbon monoxide removal, adsorbent, and related products. Due to reliable quality at affordable prices, our products are highly sought after by customers from dozens of countries. Also, we provide superior after sales service and OEM service, so you can feel secure in your purchase. If you are interested in our chemical products, please continue to browse our website for more details, or contact us directly. The staff at Chempack is happy to assist you.

## **FEED BACK FORM**

E-mail:

Message:

Product Name:

Your Name:

Company:

FAX / TEL:

MSN/SKYPE

Address: