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## [Wax Hydrogenation Catalyst](#)

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The PHC-10 wax hydrogenation catalyst can be used to produce food-grade paraffin and medicine-grade Vaseline. The tungsten (W) and nickel (Ni) promoted catalyst is a trilobe extrudate with diameter of between 1.3mm and 1.5mm.

#### Physical Properties

Item	Standard	Item	Standard
Appearance	Trilobe Extrudates	Surface Area (m <sup>2</sup> /g)	Min.100
Particle Size (mm)	Φ1.3-1.5*5-15	Pore Volume (ml/g)	Min.0.30
Crushing Strength (N/cm)	Min.190	Chemical Composition	NiO-WO <sub>3</sub> -promoter-Al <sub>2</sub> O <sub>3</sub>
Bulk Density (kg/ L)	0.80		

#### Operation Conditions

Process Parameters	Hydrogen Partial Pressure (MPa)	Temperature (°C)	Space Velocity (hr <sup>-1</sup> )	Hydrogen to Oil Volume Ratio (V/V)
	8.0	240	1.0	400
Raw Material	Daqing paraffine, M.P 58°C; oil content, 0.8wt%			
Product	Colour, Saybolt +30; light stability, sy+3; oil content, 0.8wt%.			

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

Chenpack, established in 1970, is a Chinese wax hydrogenation catalyst manufacturer with 40 years of production experience in the chemical industry. Due to our consistent dedication to product improvement, our company has received the ISO9001:2000 certification, and you can feel secure in choosing and using our chemical products. Located in Jiangxi province, and close to Guangzhou and Fujian, we have easy access to many forms of transportation, which allows us to make prompt deliveries at low shipping charges for our clients. In addition to the hydrogenation catalyst, we also provide sulfur removal, arsenic removal, molecular sieve, and other products to accommodate every customer need. We at Chenpack welcome global buyers to contact us and try our products. Our staff looks forward to working with more global customers.

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