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## Hydrotreating Catalyst

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The MCN-T80 hydrotreating catalyst, with alumina as the carrier, is composed of molybdenum (Mo), nickel (Ni), and cobalt (Co). The hydrotreating catalyst is generally used in the secondary pyrolysis gasoline hydrotreating process, with the form of a  $\Phi 1.6\text{mm}$  trilobe extrudate.

#### Physical Properties

Item	Standard	Item	Standard
Appearance	Trilobe extrudates	Surface Area ( $\text{m}^2/\text{g}$ )	Min.140
Particle (mm)	1.4-1.6x2-15	$\text{MoO}_3$ (wt %)	Min.13.0
Crushing Strength (N/cm)	Min.120	CoO (wt %)	Min. 2.3
Bulk Density (kg/L)	0.70	NiO (wt %)	Min. 1.3
Pore Volume (ml/g)	Min. 0.3		

#### Operating Conditions

Process Parameters	Hydrogen Partial Pressure (MPa)	Inlet Temperature of Reactor ( $^{\circ}\text{C}$ )	Space Velocity, ( $\text{hr}^{-1}$ )	Hydrogen Oil Volume Ratio (V/V)
	4.5	220	2.0-3.0	300
Raw Oil	Diene number max. 3.0g $\text{I}_2/100\text{g}$			
Generated Oil	Diene number $\leq 0.5\text{g Br}_2/100\text{g}$			

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

Chempack, established in 1970, is an ISO9001:2000 approved, leading hydrotreating catalyst manufacturer and supplier located in China. Over the past 40 years of continuous efforts, we have developed advanced manufacturing techniques, scientific quality inspection mode, sound management system, and highly effective incentive mechanism. These factors enable us to guarantee superior performance of our sulfur removal, arsenic removal, molecular sieve, and other products. At present, our high quality competitively priced chemical products are highly sought after by customers from many countries, including Britain, Germany, Kuwait, Iran, New Zealand, Thailand, and many others. Attentive service is also available at Chempack. For example, our highly experienced customer service staff is ready to offer follow-up service to solve any problem you may have. If you are in need of our chemical products, please feel free to contact us and try our products. We at Chempack are confident that you will be satisfied with your purchase.

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