



HC™ 26 Catalyst

Hydrocracking Catalyst

Description

HC 26 catalyst is UOP's most widely-used, nitrogen-tolerant, naphtha-selective hydrocracking catalyst. Nitrogen-tolerant catalysts maintain their activity in the presence of high levels of organic nitrogen.

Applications

HC 26 catalyst is formulated for use in hydrocracking units primarily producing naphtha and jet fuel. HC 26 catalyst has the ability to tolerate high levels of nitrogen slip from the hydrotreating process, thus enabling refiners to maximize the cycle length of the entire catalyst system. It is often loaded in the first hydrocracking catalyst bed upstream of other hydrocracking catalysts. HC 26 catalyst is particularly well-suited for the following hydrocracking unit flowschemes: series flow, single stage, once through, parallel flow, two stage. The main products from units using HC 26 catalyst are:

- Naphtha
- Jet A-1 / kerosene

Features and benefits

- Depending on the application, HC 26 catalyst is more active than HC 24 catalyst while producing high yields of naphtha.
- HC 26 catalyst tolerates high concentrations of organic nitrogen.
- It is a versatile catalyst that produces high yields of good quality naphtha and high smoke point jet fuel.

Experience

UOP is the world's leading supplier of hydrocracking catalyst. HC 26 catalyst has been used by more than 30 customers. It is one of the best performing hydrocracking catalysts. More than 10 million pounds have been installed worldwide.

Physical properties

	HC 26L	HC 26
Size	1/8" (3.2 mm)	1/16" (1.6 mm)
Shape	Cylinder	Cylinder
ABD		
Dense	56.1 lb/ft ³ (898.6 kg/m ³)	56.1 lb/ft ³ (898.6 kg/m ³)
Sock	50.7 lb/ft ³ (812.1 kg/m ³)	50.7 lb/ft ³ (812.1 kg/m ³)

Packaging

- 55 U.S. gallon (210 liter) steel drums
- Net weight per drum of 350 pounds (158.8 kg)
- Super sacks are available upon request:
Net weight 2450 pounds (1111.3 kg)

For more information

For more information, contact your local UOP representative or our Des Plaines sales office:

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