

HC™ 24 Catalyst

DESCRIPTION

HC 24 catalyst is UOP's most widely-used, naphtha-selective hydrocracking catalyst. This catalyst is used in a variety of flowschemes to produce very high yields of naphtha.

APPLICATIONS

HC 24 catalyst is formulated for use in hydrocracking units primarily producing naphtha. It is an excellent catalyst for naphtha hydrocracking units constrained by hydrogen availability. This 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 24 catalyst are:

- Naphtha
- Jet A-1 / kerosene

FEATURES AND BENEFITS

- HC 24 catalyst is a high-activity hydrocracking catalyst for naphtha production.
- It has lower hydrogen consumption and generates higher quality (N+2A) reformer feed compared to other naphtha hydrocracking catalysts.
- Additionally, gas and LPG yields are low.
- It is a versatile catalyst that has successfully processed a wide range of feedstocks to produce high yields of naphtha.

EXPERIENCE

UOP is the world's leading supplier of hydrocracking catalyst. HC 24 catalyst was commercialized in 1989, and due to its robust design, continues to be a workhorse in the industry. It has been used by more than 30 customers and has been successfully regenerated and used over several cycles.

PHYSICAL PROPERTIES

	HC 24L	HC 24
Size	1/8" (3.2 mm)	1/16" (1.6 mm)
Shape	Cylinder	Cylinder
ABD		
Dense	49.1 lb/ft ³ (786.5 kg/m ³)	49.1 lb/ft ³ (786.5 kg/m ³)
Sock	44.1 lb/ft ³ (706.4 kg/m ³)	44.1 lb/ft ³ (706.4 kg/m ³)

PACKAGING

- 55 U.S. gallon (210 liter) steel drums
- Net weight per drum of 300 pounds (136.1 kg)
- Super sacks are available upon request:
Net weight 2100 pounds (952.5 kg)

FOR MORE INFORMATION

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

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