



UOP HC™ 34 Catalyst

Hydrocracking Catalyst

Description

HC 34 catalyst is UOP's most-active naphtha-selective hydrocracking catalyst. This catalyst is used in once-through units or in the first stage of two-stage units to produce high yields of naphtha.

Applications

HC 34 catalyst is formulated for use in hydrocracking units that operate in a once-through mode primarily producing naphtha. HC 34 catalyst 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, once through, parallel flow, two stage. The main products from units using HC 34 catalyst are:

- Naphtha
- Jet A-1 / kerosene

Features and benefits

- Depending on the application, HC 34 catalyst is more active than UOP HC™ 24 catalyst.
- It has the lowest hydrogen consumption and generates the highest quality (N+2A) reformer feed compared to other naphtha hydrocracking catalysts.
- Additionally, it generates the lowest gas and LPG yields.
- This combination of features has enabled refiners to significantly increase throughput.

Experience

UOP is the world's leading supplier of hydrocracking catalyst. HC 34 catalyst was commercialized in 1996.

Physical properties

	HC 34L	HC 34
Size	1/8" (3.2 mm)	1/16" (1.6 mm)
Shape	Cylinder	Cylinder
ABD		
Dense	51.6 lb/ft ³ (826.6 kg/m ³)	51.6 lb/ft ³ (826.6 kg/m ³)
Sock	46.5 lb/ft ³ (744.9 kg/m ³)	46.5 lb/ft ³ (744.9 kg/m ³)

Packaging

- 55 U.S. gallon (210 liter) steel drums
- Net weight per drum of 325 pounds (147.4 kg)
- Super sacks are available upon request:
Net weight 2275 pounds (1031.9 kg)

For more information

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

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