



HC™ 28 Catalyst

Hydrocracking Catalyst

Description

HC 28 catalyst is UOP's most widely used, noble-metal, naphtha-selective hydrocracking catalyst. This catalyst is used in a variety of flowschemes to produce very high yields of high-octane naphtha.

Applications

HC 28 catalyst is formulated for use in hydrocracking units primarily producing naphtha. This catalyst is particularly well-suited for two-stage unit flowschemes, but can also be used in the following hydrocracking unit flowschemes: single-stage, parallel flow, and once through. The main products from units using HC 28 catalyst are:

- Naphtha
- Jet A-1/kerosene

Features and benefits

- Depending on the application, HC 28 catalyst is more active and produces more naphtha than HC 24 catalyst.
- HC 28 catalyst produces light naphtha with a higher iso-paraffin to normal-paraffin ratio leading to higher octane naphtha.
- HC 28 catalyst 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 28 catalyst was first commercialized in 1985, and due to its robust design, continues to be used by many refiners. It has been successfully regenerated and rejuvenated numerous times, resulting in run lengths in excess of 10 years.

Physical properties

Size	1/8" (3.2 mm)
Shape	Cylinder
ABD	
Dense	40.8 lb/ft ³ (653.6 kg/m ³)
Sock	38.1 lb/ft ³ (610.3 kg/m ³)

Packaging

- 55 U.S. gallon (210 liter) steel drum.
- Net weight per drum of 275 lb (124.7 kg)

For more information

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

e-mail: info@uop.com
fax: +1-847-391-2253
phone: +1-847-391-2000