

PETROCHEMICALS

UOP OLEFLEX™ DEH-16™ CATALYST

A lower Pt alternative to previous generation catalysts

DESCRIPTION

UOP Oleflex™ DeH-16 catalyst is a high yield, high activity paraffin dehydrogenation catalyst. The platinum content of DeH-16 catalyst was lowered 30%, relative to previous generation catalysts. This performance reformulation coupled with a decrease in platinum loading improves both the operability and profitability of the Oleflex process.

APPLICATION

The UOP Oleflex process is used for the production of light olefins through the catalytic dehydrogenation of light paraffin. Oleflex technology provides users with an on-purpose source of polymer grade propylene or isobutylene.

TYPICAL PHYSICAL PROPERTIES (NOMINAL)

ABD, kg/m ³ (lb/ft ³)	630 (39.3)
Nominal diameter, mm (inch)	1.6 (1/16)
Shape	Sphere
Platinum, Wt%	0.30

EXPERIENCE

DeH-16 has been commercialized since 2007 and has been proven in over 20 propane and butane dehydrogenation units worldwide.

PACKAGING

- 55 U.S. gallon (210 liter) steel drums
- Net weight is 115 kilograms per drum or 254 lbs



The Next Generation Oleflex catalyst is a drop-in replacement enabling shorter conditioning and improved hydraulic features

FEATURES & BENEFITS

- Reliable yield and stability of previous generation catalysts
- Reduces the expense associated with holding platinum

For more information

www.uop.com

UOP LLC, A Honeywell Company

25 East Algonquin Road
Des Plaines, IL 60017-5017, U.S.A.
www.uop.com

The information in this document should not be construed as a representation for which UOP assumes legal responsibility, or an authorization or recommendation to practice a patented invention without a license.

UOP-DeH-16-Catalyst-datasheet | 2.0 | 09/22
© 2022 UOP LLC. All rights reserved.

Honeywell
UOP