PETROCHEMICALS

UOP OLEFELX™ DEH-14™ CATALYST

UOP Oleflex DeH-14 catalyst is a high yield, high activity paraffin dehydrogenation catalyst. DeH-14 catalyst offers a higher coking stability, compared to DeH-12 catalyst, with the same high activity and selectivity.

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%	0.45

FEATURES & BENEFITS

DeH-14 has both better coking stability and overall long term stability, with equivalent conversion/ selectivity performance.

EXPERIENCE

DeH-14 was commercialized in 2001 and is currently operating in seven Oleflex units.

PACKAGING

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

For more information

www.uop.com

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