UOP DEH-201 CATALYST

For UOP Pacol™ Process

DeH-201 is a platinum impregnated catalyst used in the application of dehydrogenation of normal paraffins to their corresponding normal mono-olefin



APPLICATION

DeH-201 catalyst is used in the UOP Pacol Process to dehydrogenate normal paraffins to their corresponding normal mono-olefins. The normal olefins are the preferred feedstock processed by a Detal™ Process or an HF Detergent Alkylation Unit to produce linear alkylbenzene (LAB)- a basic building block for the synthesis of biodegradable detergents.

EXPERIENCE

DeH-201 was first commercialized in 2001 To date, 5 users have used DeH-201.

TYPICAL PHYSICAL PROPERTIES (NOMINAL)

Shape	Sphere
Nominal diameter, mm (in)	1.6 (1/16)
ABD, kg/m^3	780
Metal	Platinum

PACKAGING

55 U.S gallon steel drum, net weight per drum is 135 kg

FEATURES AND BENEFITS

- Increase in conversion with comparable life and selectivity to that of previous generations (DeH-11 and DeH-15)
- Up to 20% increase in LAB production from existing assets, especially those with Pacol Unit limitations

For more information
www.uop.com

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