CATALYSTS

UOP R-88 Platforming™ Catalyst

For use in cyclic regeneration reforming units

Description

R-88 Platforming catalyst is a UOP platinum rhenium, naphtha reforming catalyst used to produce high-octane, high-aromatic reformate and hydrogen.

Applications

R-88 catalyst is used in fixed-bed, cyclic reforming units to upgrade naphtha in the presence of hydrogen. R-88 catalyst can be loaded in units to produce motor fuel blending stocks for gasoline, BTX aromatics, and high-purity hydrogen for other refinery processes that consume hydrogen.

Experience

UOP's R-88 catalyst has proven performance with more than 10 loads sold since it was commercialized in 2002.

Nominal Physical Properties

ABD (sock), lb/ft^3 (kg/m^3)	41.0 (657)
ABD (dense) lb/ft^3 (kg/m^3)	45.0 (721)
Diameter, inch (mm)	1/16 (1.6)
Shape	Cylindrical
Metals	Platinum and Rhenium
Promoter	None

The catalyst can be supplied in either the oxidized or the reduced and sulfided form.

Safe Handling and Disposal

The handling, storage, transportation and disposal of R-88 catalyst is subject to governmental regulation, and you must manage R-88 catalyst safely and in accordance with all applicable requirements.

Packaging

- 55 U.S. gallon (210 liter) steel drums
- Net weight per drum 125 kilograms



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FEATURES & BENEFITS

- Excellent catalyst activity
- High C_5^+ and H_2 yields
- High aromatics yields
- Low rhenium content - lower fill cost
- Regenerable under a wide range of regeneration conditions
- UOP's R-85 catalyst that is all platinum can be loaded with R-88 catalyst to meet specific reactor metal loading preferences

For more information

www.uop.com

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