CATALYSTS

UOP R-86 Platforming™ Catalyst

For use in fixed-bed regeneration reforming units for upgrading naphtha

Description

R-86 Platforming catalyst is UOP's platinum rhenium, high yield, naphtha reforming catalyst used to produce high-octane, high-aromatic reformate and hydrogen.

Applications

R-86 Platforming catalyst is used in fixed-bed, semi-regenerative reforming units to upgrade naphtha in the presence of hydrogen. R-86 Platforming catalyst can be loaded in units to produce motor fuel blending stocks for gasoline, BTX aromatics, or high-purity hydrogen for other refinery processes that consume hydrogen.

Experience

R-86 Platforming catalyst was commercialized in 2001 and has been reloaded over 140 times. The commercialization is the culmination of an extensive research and development program to offer a commercially robust, high-yield, fixed-bed reforming catalyst.

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

R-86 Platforming catalyst can be supplied in the oxidized or reduced and sulfided form directly from UOP. Reduced and sulfided catalyst will provide the fastest start-up and on-spec production.

Safe Handling and Disposal

The handling, storage, transportation and disposal of R-86 Platforming catalyst is subject to governmental regulation, and you must manage it safely and in accordance with all applicable requirements.



UOP's R-86 Platforming catalyst has proven performance with more than 140 loads sold since it was commercialized in 2001.

Packaging

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

FEATURES & BENEFITS

R-86 Platforming catalyst has the following features and benefits to help maximize refining profits relative to other commercially available, semi-regenerative reforming catalysts:

- High C_5^+ and H_2 yields
- High aromatics yields
- Excellent catalyst activity
- Excellent catalyst stability
- Extended cycle length

For more information

www.uop.com

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