



UOP™ AZ-300 ADSORBENT

DESCRIPTION

AZ-300 adsorbent is a spherical specialty alumina-zeolite composite adsorbent with low reactivity.

APPLICATION

AZ-300 adsorbent is used primarily for the removal of oxygenated hydrocarbons (oxygenates), organic sulfur, and nitrogen-based polar compounds from saturated and unsaturated hydrocarbon streams. Of particular interest is its use in purifying propylene and mixed C₄ feed streams to catalytic processes, including polypropylene production.

GRADES

5x8 mesh (4.0 mm x 2.4 mm) (1/8 inch nominal)
7x14 mesh (2.8 mm x 1.4 mm) (1/16 inch nominal)

TYPICAL PHYSICAL PROPERTIES

Bulk density (lb/ft ³)	42
Crush strength* (lb _f)	7

* Crush strength varies with the sphere diameter. The crush strength is for an 8 mesh sphere.

REGENERATION

AZ-300 adsorbent can be regenerated for re-use by purging or evacuating at elevated temperatures.

SHIPPING INFORMATION

AZ-300 adsorbent is available in 55-gallon steel drums or quick load bags.

FOR MORE INFORMATION

For more information, contact your UOP representative or UOP's Adsorbents business at:

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