

# UOP P-311 ADSORBENT

## ADSORBENT FOR H<sub>2</sub>O AND H<sub>2</sub>S REMOVAL FROM OLEFLEX™ STREAMS

Protect your valuable assets from corrosion attack and poisoning of catalyst beds and improve your process economics

### DESCRIPTION

UOP P-311 adsorbent is a spherical promoted alumina with high capacity and selectivity for the removal of trace contaminants from olefin-containing gases and liquids.

### APPLICATION

P-311 adsorbent is used primarily for the removal of hydrogen sulfide and water from organic streams. The regenerative capacity has been significantly improved over previous generation products recommended for this service, making it the ideal adsorbent for optimum performance in UOP's licensed Oleflex™ process RED.

### REGENERATION

P-311 adsorbent can be regenerated for reuse by purging or evacuating at elevated temperatures.

### TYPICAL PHYSICAL PROPERTIES (NOMINAL)

	7x12 Beads
Bulk density (lb/ft <sup>3</sup> )	50
(kg/m <sup>3</sup> )	801
Crush strength* (lb)	5
(kg)	2.3

\*Crush strength varies with the sphere diameter. The crush strength is based on an 8 mesh sphere.



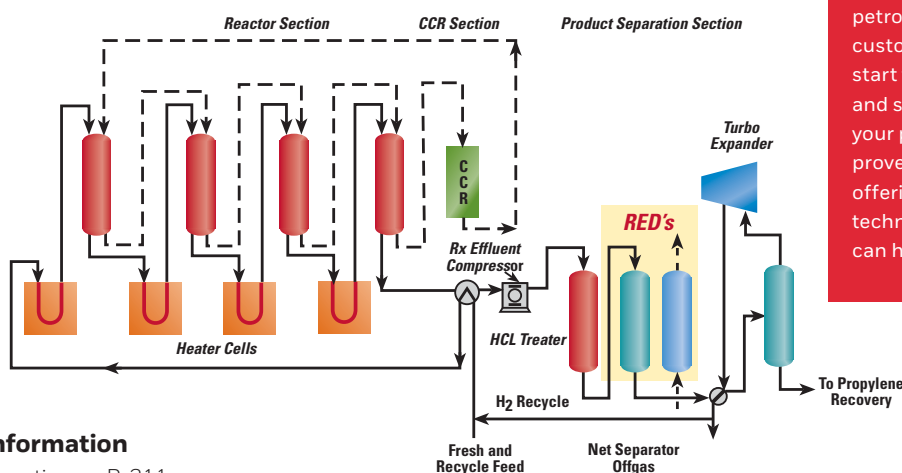
### PACKAGING AND HANDLING

- Available in either steel drums or quick load bags
- P-311 adsorbent should be kept sealed in a dry location
- Safe loading and unloading of the adsorbent from your equipment is imperative to ensure you realize the full potential of P-311 adsorbent. For proper safety and handling, please contact your UOP representative
- Contact your local regulatory agency to determine the best solution for waste disposal

### TECHNICAL SERVICE

UOP has the products, expertise and processes that our refining, petrochemical and gas processing customers need for total solutions. From start to finish, our global sales, service and support staff are here to help ensure your process challenges are met with proven technology. Our extensive service offerings, coupled with our unmatched technical knowledge and experience, can help you focus on profitability.

C<sub>3</sub> Oleflex Process



### For more information

For more information on P-311 adsorbent or other UOP adsorbents, please contact your UOP representative or visit us online at [www.uop.com](http://www.uop.com).

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