

UOP CLZ-100 ADSORBENT

CHLORIDE REMOVAL ADSORBENT FOR GASEOUS HYDROCARBON STREAMS

Help protect valuable assets from corrosive attack, catalyst bed poisoning, and green oil formation. Reduce downtime and changeout costs with a high-capacity, robust, and hydrothermally stable product.

DESCRIPTION

UOP CLZ-100 non-regenerative adsorbent is the preferred product for removing HCl and organic chlorides from light hydrocarbon streams. CLZ-100 is a drop-in replacement for promoted alumina chloride guard beds, with substantially higher organic and inorganic chloride capacity[†] and significant resistance green oil formation. Features and benefits include:

- Novel and advanced formulation to remove both organic and inorganic chlorides
- High macro-porosity for rapid adsorption, short mass transfer zone, and resistance to net gas liquid carryover
- Strong physical properties and hydrothermal stability for easy, low-cost loading and unloading

APPLICATION

CLZ-100 adsorbent is used to treat the net gas produced in catalytic reforming units and various other hydrocarbon streams.

EXPERIENCE

With over 50 years of reforming chloride guard development experience, UOP is a world leader in net gas chloride treater supply. The CLZ series adsorbent is UOP's latest cutting-edge offering, developed specifically in response to operational challenges faced by reforming operators worldwide.

TYPICAL PHYSICAL PROPERTIES (NOMINAL)

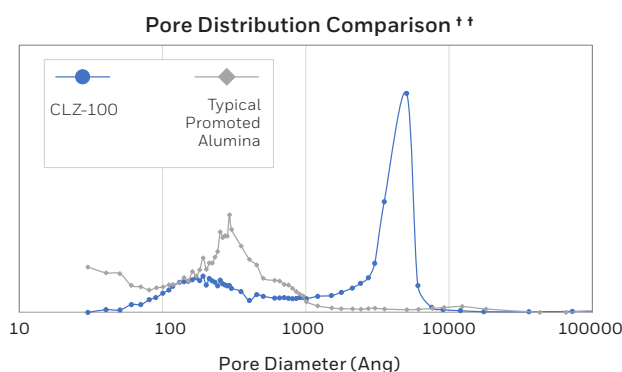
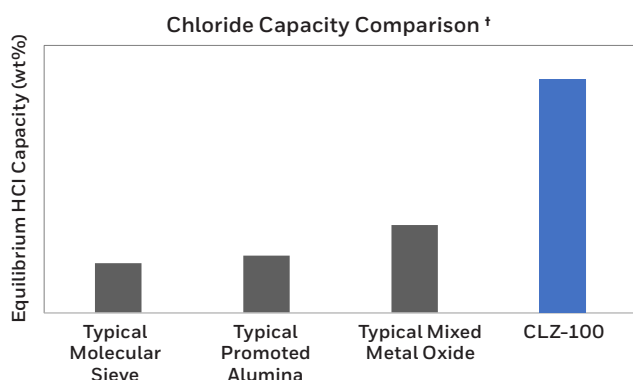
| | 1/8" Cylinder |
|---|---------------|
| Bulk density, lb/ft ³ (kg/m ³) | 44 (700) |
| Crush Strength, lb (kg) | 12 (5.4) |
| Color | Beige |



Optimize operating costs of your reforming unit by using a high capacity chloride adsorbent

PACKAGING AND HANDLING

- Available in either steel drums or quick load bags
- CLZ-100 adsorbent should be kept sealed in a dry location
- For proper safety and handling, please contact your UOP representative
- Contact your local regulatory agency to determine the best solution for waste disposal



[†] Capacities based on publicly available 3rd-Party test results and UOP internal testing for streams with 1 vol% HCl

^{††} Distribution Data from UOP lab tests

For more information

For more information on CLZ-100 adsorbent or other UOP adsorbents, please contact your UOP representative or visit us online at www.uop.com.

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