

CHEMRAZ® 605

SEALING SOLUTIONS

Chemraz® 605 is ideally suited for challenging fluid handling applications. A high-temperature compound with superior compression set resistance, physical properties and excellent chemical resistance, it excels in demanding static and semi-dynamic applications. Chemraz 605 exhibits unparalleled performance with hot amines, steam and water and functions well in temperatures ranging from 0°F to 500°F (-18°C to 260°C).

Available in O-rings, gaskets and many other custom shapes, Chemraz 605 possesses a broad chemical resistance range. The 605 compound is suitable for use in a wide variety of media including acids, caustics, aldehydes, esters, ethers, aromatics, hot water, steam, amines, methanol, ketones, TBA and MTBE.

FEATURES & BENEFITS

- High-temperature capability
- Excellent compression set resistance
- Broad chemical compatibility for use with a wide range of harsh solutions
- Excellent in amines, hot water and steam
- NAMSА USP Class VI Certified

AVAILABILITY

- Mechanical seals
- Medical devices
- Pump housings
- Diagnostic equipment
- Reactors
- Sampling/metering equipment
- Mixers
- Bearing isolators
- Compressors
- Controls/instrumentation
- Valves
- Sprayers/dispensers

Contact Us

Greene, Tweed
Fluid Handling
Houston, TX, USA

Tel: +1.281.821.2094
Tel: +1.800.820.9005
Fax: +1.281.821.2696

www.gtweed.com



TYPICAL PROPERTIES*

| Physical Properties | ASTM Method | Typical Value |
|-------------------------------------|-------------|---------------|
| Color | | Black |
| Specific Gravity | D297 | 1.97 |
| Hardness, Shore A, Points | D2240 | 80 |
| Elongation @ Break, % | D1414 | 130 |
| Tensile Modulus, psi (MPa) | | |
| Modulus @ 50% Elongation | D1414 | 420 (2.9) |
| Modulus @ 100% Elongation | D1414 | 1310 (9.0) |
| Tensile Strength @ Break, psi (MPa) | D1414 | 2150 (14.8) |

* Note: Unless otherwise indicated, all tests are performed on (-214) O-rings.

Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter of our standard warranty that shall be applicable to such products.