

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

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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.