

## Greene Tweed CHEMRAZ® 605 Perfluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Chemraz® 605, a perfluoroelastomer, 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 good performance with hot amines, steam and water and functions well in increased temperatures ranging from -4°F to 500°F (-20°C to 260°C). Available in O-rings, gaskets and many other custom shapes, Chemraz 605 possess 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. Applications: Mechanical seals Valves Pump Housings Sampling/metering equipment Compressors Reactors Mixers Controls/instrumentation Sprayers/dispensers Couplings Diaphragms Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-CHEMRAZ-605-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-605-Perfluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.97 g/cc	1.97 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	14.8 MPa	2150 psi	ASTM D1414
Tensile Strength, Yield	2.90 MPa	420 psi	@50% Elongation; ASTM D1414
	9.03 MPa	1310 psi	@100% Elongation; ASTM D1414
Elongation at Break	130 %	130 %	ASTM D1414

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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