

## Greene Tweed CHEMRAZ® 550 Perfluoroelastomer

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

### Material Notes:

Chemraz ® 550 is recommended for use in wet systems where chemical compatibility is required and small amounts of contamination are acceptable. This seal material has a wide variety of uses in dynamic or static processing equipment applications with service temperatures up to 210°C (410°F). Applications: Valve seals Fitting and union seals Gaskets Regulator seals Filter seals Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-CHEMRAZ-550-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-550-Perfluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.93 g/cc	1.93 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	ASTM D2240
Tensile Strength at Break	12.1 MPa	1750 psi	ASTM D1414
Tensile Strength, Yield	3.10 MPa	450 psi	@50% Elongation; ASTM D1414
	7.93 MPa	1150 psi	@100% Elongation; ASTM D1414
Elongation at Break	140 %	140 %	ASTM D1414
Compression Set	25 %	25 %	70 hours @ 400°F (204°C) @ 25% deflection; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	210 °C	410 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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