

## Greene Tweed CHEMRAZ<sup>®</sup> 528 Perfluoroelastomer

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

### Material Notes:

Chemraz<sup>®</sup> 528 works well in a wide variety of biotechnology and medical device applications where long-term seal reliability is required. This seal material offers excellent performance in static analytical equipment applications such as gaskets. Chemraz 528 performs in a broad range of temperatures, from -20<sup>°</sup>F to 425<sup>°</sup>F (-28<sup>°</sup>C to 218<sup>°</sup>C). Applications: Analytical instrumentation " Gaskets and O-rings Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-CHEMRAZ-528-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-528-Perfluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.00 g/cc	2.00 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	7.24 MPa	1050 psi	ASTM D1414
Tensile Strength, Yield	3.45 MPa	500 psi	@50% Elongation; ASTM D1414
	5.79 MPa	840 psi	@100% Elongation; ASTM D1414
Elongation at Break	120 %	120 %	ASTM D1414
Compression Set	36 %	36 %	70 hours @ 400 <sup>°</sup> F (204 <sup>°</sup> C) @ 25% deflection; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	218 <sup>°</sup> C	425 <sup>°</sup> F	
Minimum Service Temperature, Air	-28.9 <sup>°</sup> C	-20.0 <sup>°</sup> F	

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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