

## Greene Tweed CHEMRAZ<sup>®</sup> 570 Perfluoroelastomer

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

### Material Notes:

Chemraz<sup>®</sup> 570, recommended for a wide variety of semiconductor equipment wet processing applications where stringent seal reliability and contamination control is required, offers excellent performance in long-term static photolithography, acid/solvent and ultrapure H<sub>2</sub>O applications. Applications: Valve seals, Fitting and union seals, Gaskets, Regulator seals, Filter seals, Dispensing seals. Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-CHEMRAZ-570-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-570-Perfluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.98 g/cc	1.98 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength at Break	8.96 MPa	1300 psi	ASTM D1414
Tensile Strength, Yield	2.41 MPa	350 psi	@50% Elongation; ASTM D1414
	5.38 MPa	780 psi	@100% Elongation; ASTM D1414
Elongation at Break	145 %	145 %	ASTM D1414
Compression Set	35 %	35 %	70 hours @ 400 <sup>°</sup> F (204 <sup>°</sup> C) @ 25% deflection; ASTM D395

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

Descriptive Properties	Value	Comments
Color	White	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China