

## Greene Tweed CHEMRAZ® 517 Perfluoroelastomer

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

### Material Notes:

Greene Tweed's Chemraz® 517, a perfluoroelastomer, is a white specialty compound, perfect for applications where contamination from carbon black must be prevented. Chemraz 517 has a Shore A hardness value of 80. Because of its wide temperature range, -22°F to 428°F (-30°C to 220°C) Chemraz 517 is well suited for use in a range of applications, from mechanical seals to mixers. Available for use as O-rings, gaskets and many other custom shapes. Applications: Mechanical seals, Sampling/metering equipment, Pump housings. Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-CHEMRAZ-517-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-517-Perfluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.22 g/cc	2.22 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	11.0 MPa	1600 psi	ASTM D1414
Tensile Strength, Yield	3.72 MPa	540 psi	@ 50% Elongation; ASTM D1414
	7.24 MPa	1050 psi	@100% Elongation; ASTM D1414
Elongation at Break	165 %	165 %	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	220 °C	428 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °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