

Greene Tweed CHEMRAZ® 585 Perfluoroelastomer

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

Material Notes:

Chemraz® 585, a perfluoroelastomer, is a specialty cream compound formulated to outlast the most demanding chemical process applications. With its outstanding overall chemical resistance, Chemraz 585 is the elastomer of choice for strong oxidation fluids and hot aqueous solutions. Its recommended temperature range is -22°F to 428°F (-30°C to 220°C). Chemraz components are available for use as O-rings, gaskets and many other custom shapes. Applications: Mechanical seals Valves Pump Housings Sampling/metering equipment Reactors Mixers Controls/instrumentation Couplings Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-585-Perfluoroelastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.99 g/cc	1.99 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	12.58 MPa	1825 psi	ASTM D1414
Tensile Strength, Yield	4.31 MPa	625 psi	@50% Elongation; ASTM D1414
	8.55 MPa	1240 psi	@100% Elongation; ASTM D1414
Elongation at Break	165 %	165 %	ASTM D1414
Compression Set	35 %	35 %	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	Cream	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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