

Greene Tweed CHEMRAZ® E38 Perfluoroelastomer

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

Material Notes:

Chemraz® E38 was specifically developed for high-density plasma systems and diffusion processes where seal reliability and very minimal contamination are essential. The material provides excellent chemical compatibility and withstands a variety of aggressive chemicals. Available in an infinite range of geometries and cross sections, this material offers the diversity required for a variety of dynamic or static dry processing applications. Recommended for slit valves, Chemraz E38 remains stable at service temperatures as high as 260°C (500°F) where high sealing loads are not used. Applications: Bonded gate seals Chamber seals Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-CHEMRAZ-E38-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	15.2 MPa	2200 psi	ASTM D1414
Tensile Strength, Yield	2.83 MPa	410 psi	@50% Elongation; ASTM D1414
	7.58 MPa	1100 psi	@100% Elongation; ASTM D1414
Elongation at Break	150 %	150 %	ASTM D1414
Compression Set	21 %	21 %	70 hours @ 400°F (204°C) @ 25% deflection; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	

Descriptive Properties	Value	Comments
Color	White	

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