

Greene Tweed FLUORAZÂ® 888 Fluoroelastomer, FEPM

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

Material Notes:

FluorazÂ® 888 polytetrafluoroethylene/propylene (FEPM) performs well in aggressive chemicals where ultra pure materials are not required. Recommended for conventional wet and dry system applications requiring better chemical resistance than typical fluoroelastomers, Fluoraz 888 has a good field performance history in both dynamic and static applications. Fluoraz 888 remains stable at service temperatures up to 230Â°C (446Â°F). Applications: Valve seals KF fitting seals Window seals Lid seals Gas inlet seals Chamber seals Door seals Gaskets Fitting and union deals Slit valves Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-FLUORAZ-888-Fluoroelastomer-FEPM.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.56 g/cc	1.56 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength at Break	22.9 MPa	3320 psi	ASTM D1414
Tensile Strength, Yield	1.31 MPa	190 psi	@50% Elongation; ASTM D1414
	3.14 MPa	455 psi	@100% Elongation; ASTM D1414
Elongation at Break	325 %	325 %	ASTM D1414
Compression Set	48 %	48 %	70 hours @ 400Â°F (204Â°C) @ 25% deflection; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	230 Â°C	446 Â°F	
Minimum Service Temperature, Air	-28.9 Â°C	-20.0 Â°F	

Descriptive Properties	Value	Comments
Color	Tan	

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