

## Greene Tweed FLUORAZ<sup>®</sup> 799 Fluoroelastomer, FEPM

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

### Material Notes:

Greene, Tweed`s Fluoraz<sup>®</sup> functions effortlessly in a variety of challenging process environments. Fluoraz performs well in aggressive chemicals where ultrapure materials are not required. Known for its capabilities in high-temperature environments and its chemical resistance, Greene, Tweed`s Fluoraz has proven field performance in both dynamic and static applications. Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-FLUORAZ-799-Fluoroelastomer-FEPM.php](http://www.lookpolymers.com/polymer_Greene-Tweed-FLUORAZ-799-Fluoroelastomer-FEPM.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 g/cc	1.65 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	After 70hrs @347 <sup>°</sup> F in Stauffer 7700
	90	90	ASTM D2240
Tensile Strength at Break	15.7 MPa	2280 psi	After 70hrs @347 <sup>°</sup> F in Stauffer 7700
	20.7 MPa	3000 psi	ASTM D1414
Tensile Strength, Yield	18.10 MPa	2625 psi	@100% Elongation; ASTM D1414
Elongation at Break	120 %	120 %	ASTM D1414
	153.6 %	153.6 %	After 70hrs @347 <sup>°</sup> F in Stauffer 7700
Compression Set	18 %	18 %	166 hours @ 347 <sup>°</sup> F @ 25% deflection; ASTM D395
	35 %	35 %	22 hours @ 392 <sup>°</sup> F @ 25% deflection; ASTM D395
	18 % @Temperature 23.0 <sup>°</sup> C	18 % @Temperature 73.4 <sup>°</sup> F	ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 <sup>°</sup> C	450 <sup>°</sup> F	
Minimum Service Temperature, Air	-6.67 <sup>°</sup> C	20.0 <sup>°</sup> F	
Shrinkage	-18.0 % @Temperature 175 <sup>°</sup> C, Time 252000 sec	-18.0 % @Temperature 347 <sup>°</sup> F, Time 70.0 hour	in Stauffer 7700

Thermal Properties Descriptive Properties	Metric	English Value	Comments Comments
Color		Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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