

Chemraz 555

Perfluoroelastomer
Greene, Tweed & Co.

Message:

Chemraz 555 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 555 include engineering/industrial parts, housings and sealing applications.
Characteristics include:
Chemical Resistant
Heat Resistant

General Information			
Features	Good Chemical Resistance		
	High Heat Resistance		
Uses	Housings		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.00	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D1414
50% Strain	3.10	MPa	
100% Strain	10.2	MPa	
Tensile Strength (Break)	23.6	MPa	ASTM D1414
Tensile Elongation (Break)	180	%	ASTM D1414
Compression Set ¹ (204°C, 70 hr)	20	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-12 to 316	°C	
NOTE			
1.	25% Deflection		

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