

Chemraz XTR

Perfluoroelastomer
Greene, Tweed & Co.

Message:

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

General Information			
Features	Good Chemical Resistance		
	Good Corrosion Resistance		
	High Heat Resistance		
	Low (to None) Ion Content		
	Low Compression Set		
Uses	Seals		
	Valves/Valve Parts		
Appearance	Off-White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.23	g/cm ³	ASTM D297
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	76		ASTM D2240
Durometer Hardness (Shore A)	68		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D1414
50% Strain	1.28	MPa	
100% Strain	2.52	MPa	
Tensile Strength (Break)	14.3	MPa	ASTM D1414
Tensile Elongation (Break)	270	%	ASTM D1414
Compression Set ¹ (149°C, 70 hr)	31	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-20 to 300	°C	
NOTE			
1.	25% Deflection		

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