

Chemraz XCD

Perfluoroelastomer
Greene, Tweed & Co.

Message:

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

General Information			
Features	High Heat Resistance		
	High Purity		
	Low Compression Set		
	Low to No Outgassing		
Uses	Seals		
	Semiconductor Molding Compounds		
	Valves/Valve Parts		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.99	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	81		ASTM D1414
Durometer Hardness (Shore A)	74		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.21	MPa	ASTM D1414
Tensile Strength (Break)	17.9	MPa	ASTM D1414
Tensile Elongation (Break)	220	%	ASTM D1414
Compression Set ¹			
149°C, 70 hr	32	%	
149°C, 168 hr	43	%	
Thermal	Nominal Value	Unit	
Service Temperature	< 300	°C	
NOTE			
1.	25% Deflection		

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