

# Chemraz 640

Perfluoroelastomer  
Greene, Tweed & Co.

Message:

Chemraz 640 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 640 include engineering/industrial parts and sealing applications. Primary characteristic: high purity.

General Information			
Features	High Purity		
Uses	Seals		
	Valves/Valve Parts		
Appearance	Brown		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.07	g/cm <sup>3</sup>	ASTM D297
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	4.48	MPa	
100% Strain	7.69	MPa	
Tensile Strength (Break)	12.0	MPa	ASTM D1414
Tensile Elongation (Break)	170	%	ASTM D1414
Compression Set <sup>1</sup> (204°C, 70 hr)	25	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-20 to 290	°C	
NOTE			

1. 25% Deflection

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