

# Chemraz 644

Perfluoroelastomer  
Greene, Tweed & Co.

Message:

Chemraz 644 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 644 include engineering/industrial parts and sealing applications.  
Characteristics include:  
Heat Resistant  
High Purity

General Information		
Features	High Heat Resistance	
	High Purity	
Uses	Seals	
	Valves/Valve Parts	
Appearance	Dark Green	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	2.02	g/cm <sup>3</sup>
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	75	
Elastomers	Nominal Value	Unit
Tensile Stress		
50% Strain	2.25	MPa
100% Strain	4.36	MPa
Tensile Strength (Break)	12.4	MPa
Tensile Elongation (Break)	210	%
Compression Set <sup>1</sup> (204°C, 70 hr)	25	%
Thermal	Nominal Value	Unit
Service Temperature	-20 to 316	°C
NOTE		
1.	25% Deflection	

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