

Chemraz 653

Perfluoroelastomer
Greene, Tweed & Co.

Message:

Chemraz 653 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 653 include engineering/industrial parts and sealing applications. Primary characteristic: heat resistant.

General Information		
Features	High Heat Resistance	
	Low Compression Set	
Uses	Seals	
	Valves/Valve Parts	
Appearance	Black	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.99	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	80	
Elastomers	Nominal Value	Unit
Tensile Stress		
50% Strain	2.48	MPa
100% Strain	7.52	MPa
Tensile Strength (Break)	12.6	MPa
Tensile Elongation (Break)	140	%
Compression Set ¹		
204°C, 70 hr	14	%
288°C, 70 hr	26	%
Thermal	Nominal Value	Unit
Service Temperature	-18 to 324	°C
NOTE		
1.	25% Deflection	

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