

Chemraz SD625

Perfluoroelastomer
Greene, Tweed & Co.

Message:

Chemraz SD625 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz SD625 include medical/healthcare, engineering/industrial parts, food contact applications and sealing applications.

Characteristics include:

Chemical Resistant
Heat Resistant
High Purity

General Information			
Features	Good Chemical Resistance		
	High Heat Resistance		
	High Purity		
	Low Extractables		
	Resilient		
	Steam Resistant		
Uses	Medical/Healthcare Applications		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Agency Ratings	FDA Unspecified Rating		
	USP 661		
	USP Class VI		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.00	g/cm ³	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	13.1	MPa	
Tensile Strength (Break)	22.1	MPa	ASTM D1414
Tensile Elongation (Break)	140	%	ASTM D1414
Compression Set ¹ (204°C, 70 hr)	23	%	ASTM D395
Thermal	Nominal Value	Unit	

Service Temperature	-20 to 260	°C
NOTE		
1.	25% Deflection	

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Recommended distributors for this material

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