

# Chemraz SD517

Perfluoroelastomer  
Greene, Tweed & Co.

**Message:**

Chemraz SD517 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz SD517 include engineering/industrial parts, food contact applications, medical/healthcare and sealing applications. Primary characteristic: chemical resistant.

General Information			
Features	Good Chemical Resistance		
	Low Extractables		
	Resilient		
Uses	Medical/Healthcare Applications		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Agency Ratings	FDA FCN 247		
	FDA Unspecified Rating		
	USP Class VI		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.21	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	3.72	MPa	
100% Strain	7.24	MPa	
Tensile Strength (Break)	11.0	MPa	ASTM D1414
Compression Set <sup>1</sup> (204°C, 70 hr)	25	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 220	°C	
NOTE			
1.	25% Deflection		

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