

Chemraz SD585

Perfluoroelastomer
Greene, Tweed & Co.

Message:

Chemraz SD585 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz SD585 include engineering/industrial parts, food contact applications, medical/healthcare and sealing applications. Primary characteristic: chemical resistant.

General Information			
Features	Good Chemical Resistance		
	Resilient		
Uses	Medical/Healthcare Applications		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Agency Ratings	FDA FCN 247		
	FDA Unspecified Rating		
	USP Class VI		
Appearance	Cream		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.99	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	4.31	MPa	
100% Strain	8.55	MPa	
Tensile Strength (Break)	12.6	MPa	ASTM D1414
Tensile Elongation (Break)	170	%	ASTM D1414
Compression Set ¹ (204°C, 70 hr)	35	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 220	°C	
NOTE			
1.	25% Deflection		

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