

# Chemraz 585

Perfluoroelastomer  
Greene, Tweed & Co.

Message:

Chemraz 585 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 585 include engineering/industrial parts, housings and sealing applications. Primary characteristic: chemical resistant.

General Information			
Features	Good Chemical Resistance		
Uses	Housings		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.99	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	4.31	MPa	
100% Strain	8.55	MPa	
Tensile Strength (Break)	12.6	MPa	ASTM D1414
Tensile Elongation (Break)	170	%	ASTM D1414
Compression Set <sup>1</sup> (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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

