

Chemraz 515

Polytetrafluoroethylene

Greene, Tweed & Co.

Message:

This product is only available as a finished part, please contact Green, Tweed & Co. to discuss part availability, 215-216-9521.

General Information			
Uses	Seals		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.00	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.0	MPa	ASTM D638
Tensile Elongation (Yield)	160	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	1.86	MPa	
100% Strain	5.17	MPa	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.4E+17	ohms·cm	ASTM D257
Dielectric Constant (1 kHz)	2.40		ASTM D150
Dissipation Factor (1 kHz)	2.0E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	95	%	ASTM D2863
Optical	Nominal Value		Test Method
Refractive Index	1.320		ASTM D542

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Recommended distributors for this material

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