Chemraz 657

Perfluoroelastomer

Greene, Tweed & Co.

Message:

Specifically developed to meet the demands of aggressive dry plasma systems, Chemraz® 657 perfluoroelastomer's unique formulation provides enhanced plasma resistance and minimal contamination resulting in less downtime and higher wafer processing yields. Recommended primarily for both static and dynamic oxide etch wafer processing applications, Chemraz 657 remains stable at service temperatures up to 280°C (536°F) with excursions to 300°C (572°F).

General Information			
Features	High Purity Low Hardness Soft		
Uses	Seals Valves/Valve Parts		
Appearance	Translucent		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	
Specific Gravity	2.03	g/cm³	
Hardness	**Nominal Value**	**Unit**	
Durometer Hardness (Shore A)	85		
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ASTM D412
50% Strain	4.45	MPa	
100% Strain	9.55	MPa	
Tensile Strength (Break)	15.2	MPa	ASTM D412
Tensile Elongation (Break)	150	%	ASTM D412
Compression Set (96°C, 70 hr)	29	%	ASTM D395
Thermal	**Nominal Value**	**Unit**	
Service Temperature	-40 to 280	°C	

Recommended distributors for this material

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