



MARKEZ® Z1029 PERFLUOROELASTOMER TECHNICAL DATASHEET

HIGH TEMPERATURE WHITE PERFLUOROELASTOMER

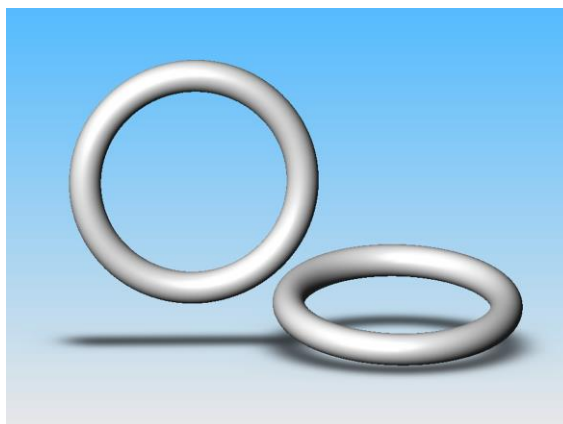
This compound offers almost universal chemical compatibility for use in high temperature semiconductor and general chemical applications.

FEATURES AND BENEFITS

- High temperature resistance
- Wide chemical compatibility
- Excellent physical properties
- Long Service Life

APPLICATIONS

- Chemical Industry
- Pumps and Valves
- Flanges
- Filters
- Semiconductor applications
 - LPCVD
 - Metal and SiO₂ Etch
 - CVD and PECVD
 - Dielectric
 - Ashing
 - Oxidation
 - EPI +SiGe



TYPICAL PHYSICAL PROPERTIES

PROPERTIES	ASTM	VALUE
Color		White
Material Type	FFKM	
Hardness: (°IRHD)	D1415	75
	D2240	
Tensile Strength MPa (PSI)	D412	15.20 (2,204)
Elongation at Break	D412	186%
Compression Set 72 hrs. @ 200°C (392 °F)	D395	36%
Minimum Operating Temperature		-15 °C (+5 °F)
Maximum Operating Temperature		300 °C (572 °F)

Date: 2016-7-1

This information is to the best of our knowledge accurate and reliable. However, Marco Rubber makes no warranty, expressed or implied, that parts manufactured from this material will perform satisfactorily in the customer's application. It's the customer's responsibility to evaluate parts prior to use.

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