



MARKEZ® Z1308 PERFLUOROELASTOMER

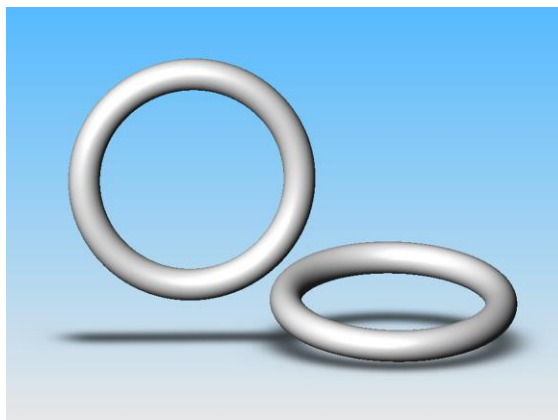
TECHNICAL DATASHEET

HIGH TEMPERATURE PERFLUOROELASTOMER

Markez Z1308 offers an excellent combination of chemical resistance, high temperature resistance, high physical properties and excellent plasma resistance.

FEATURES AND BENEFITS

- High temperature capabilities
- Excellent plasma resistance
- Minimum particulation
- Wide chemical resistance
- Excellent physical properties
- Low outgassing



APPLICATIONS

- Deposition: LPCVD, CVD, APCVD,
- HDPCVD, PECVD, RPCVD, SACVD
- Plasma etch: oxide and metal
- Ashing
- Metalization: PVD, evaporation,
- Sputtering, Ion Implant
- RTP
- Oxidation
- Diffusion
- Lamp Anneal

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	ASTM	VALUE
Color		White
Material Type	FFKM	Perfluoroelastomer
Hardness: (°IRHD)	D1415	
Hardness, Shore A	D2240	75
Tensile Strength MPa (PSI)	D412	14.70 (2,120)
Elongation at Break	D412	200%
Compression Set 72 hrs. @ 200°C (392 °F)	D395	17%
Minimum Operating Temperature		-15°C (5°F)
Maximum Operating Temperature		310°C (590°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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