



MARKEZ® Z1305 PERFLUOROELASTOMER TECHNICAL DATASHEET

GENERAL PURPOSE WHITE PERFLUOROELASTOMER

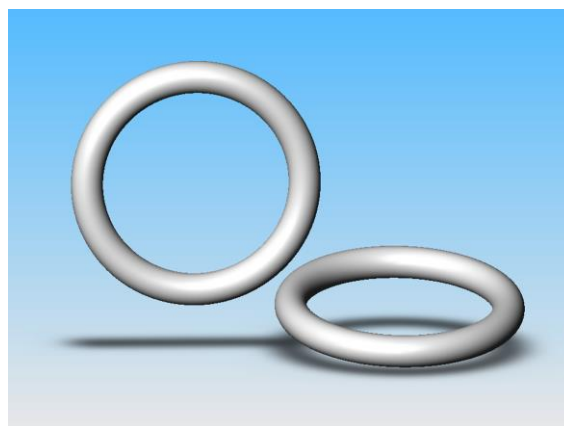
Markez Z1305 was specially designed for Life Science, bio-analytical, pharmaceutical and food processing applications. This compound offers a wide chemical compatibility range and outstanding temperature capabilities.

FEATURES AND BENEFITS

- FDA and USP Class VI compliant
- 3-A Standard 18-03 Class 1 compliant
- High temperature resistance
- Superior mechanical properties
- Excellent steam resistance

APPLICATIONS

- Flanges
- Pumps and Valves
- Hygienic and Sanitary couplings
- Mechanical seals for stirring/mixing screws and pumps
- Pressure Safety Rings



TYPICAL PHYSICAL PROPERTIES

PROPERTIES	ASTM	VALUE
Color		White
Material Type	FFKM	
Hardness: (°IRHD)	D1415	75
Hardness, Shore A	D2240	80
Tensile Strength MPa (PSI)	D412	19.0 (2,740)
Elongation at Break	D412	230%
Compression Set 72 hrs. @ 200°C (392 °F)	D395	20%
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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