



COMPOUND DATA SHEET

Parker O-Ring Division, North America

MATERIAL REPORT

2/27/2012



[CONTACT US](#)

Title: Evaluation of Parker Compound

Elastomer Type: Perfluoroelastomer (FFKM) FF302-75

Purpose: To obtain typical test data.

Specification: General Information

Color: Brown

Recommended Temperature Range: 5°F to 608°F

Recommended For: Aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons, polar solvents (acetone, methyl ethyl ketone, dioxane), inorganic and organic acids, water, high vacuum with minimal loss in weight, petroleum oil, wet/dry chlorine, O₂ plasma

Not Recommended For: Fluorinated refrigerants, uranium hexafluoride, molten metals, gaseous alkali metals, super-heated steam

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"The recording of false, fictitious, or fraudulent statements or entries in this report may be punishable as a felony under federal law."*

Original Physical Properties

	TEST	RESULTS
Hardness, Shore A, Pts.	ASTM D2240	75
Tensile Strength psi	ASTM D412	1198
Ultimate Elongation, %	ASTM D412	210
Modulus @ 100% Elongation, min	ASTM D412	562
Specific Gravity	ASTM D297	2.10

Compression Set**70 hrs @ 446°F**

Percent of Original Deflection, max	ASTM D395 Method B	19
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