



# COMPOUND DATA SHEET

Parker O-Ring & Engineered Seals Division North America

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## MATERIAL REPORT

2/27/2012

**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, O<sub>2</sub> plasma

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



Contact Us

*"Purchaser use only. Reproduce only in full. Data pertains to items referenced only."  
"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**

Hardness, Shore A, Pts.

Tensile Strength psi

Ultimate Elongation, %

Modulus @ 100% Elongation, min

Specific Gravity

**TEST**

ASTM D2240

ASTM D412

ASTM D412

ASTM D412

ASTM D297

**RESULTS**

75

1198

210

562

2.10

**Compression Set****70 hrs @ 446°F**

Percent of Original Deflection, max

ASTM D395

Method B

19