



MATERIAL REPORT

DATE: 11/01/88

TITLE: General evaluation of Parker compound N0602-70

PURPOSE: To describe basic material properties.

CONCLUSION: Parker compound N0602-70 offers excellent low temperature performance.

Recommended Temperature Range: -70 to 180F

Recommended for: petroleum oils, water (up to 212F),
Salt & Alkali solutions, weak acids

Not Recommended for: aromatic fuels, strong acids,
glycols, ozone, polar solvents

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REPORT DATA

Compound: N0602-70

ORIGINAL PHYSICAL PROPERTIES

Hardness, Shore A, pts.
Tensile Strength, psi. min.
Elongation, %
Specific Gravity
Modulus @ 100%

O-RINGS

65
1254
276
1.27
330

ASTM FUEL A, 72 HRS @ 70 - 80°F

Volume change, %

+ 4.7

ASTM FUEL B, 72 HRS. @ 70 - 80°F

Volume change, %

+ 38.9

TEMPERATURE RETRACTION

TR-10 °F

-55.0

COMPRESSION SET, 70 HRS @ 158°F

% Deflection

16.9