



MATERIAL REPORT

REPORT NUMBER: KK2046

DATE: 2/06/90

TITLE: Evaluation of Parker Compound N0674-70 to ASTM D2000
2BG 720 EA14 E014 E034.

PURPOSE: To document conformance to periodic test.

CONCLUSION: Parker Compound N0674-70 meets the requirements of ASTM
D2000 2 BG 720 EA14 E014 E034.

Recommended Temperature Range: -30 to 250F

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

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N0674-70
ATM D2000
PLATEN
RESULTS

BASIC PROPERTIES

2BG720 EA14 E014 E034

Hardness, Shore A, pts.
Tensile Strength, psi. min.
Elongation, % min.

70 ± 5
2000
250

71
2546
331

HEAT RESISTANCE

70 HRS. @ 212°F

Hardness chg. pts.
Tensile Strength chg, %
Elongation chg, % max.

±15
±30
-50

+6
+6.3
-30.2

COMPRESSION SET,

22 HRS. @ 212°F

% of original deflection, max.

50

12.6

EA14 WATER RESISTANCE,

70 HRS. @ 212°F

Hardness chg. pts.
Volume chg, % max.

±10
±15

+1
+1.1

EO14 ASTM #1 OIL,

70 HRS. @ 212°F

Hardness chg. pts.
Tensile Strength chg, % max
Elongation chg, % max
Volume chg, %

-5 to +10
-25
-45
-10 to +5

+3
+5.5
-15.1
-2.3

EO34 ASTM #3 OIL,

70 HRS. @ 212°F

Hardness chg. pts.
Tensile Strength chg, % max
Elongation chg, % max
Volume chg, %

-10 to +5
-45
-45
0 to +25

-7
+2.9
-7.9
+13.5