



Contact Us

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

Parker O-Ring Division
2360 Palumbo Drive
Lexington, Kentucky 40512
(859) 269-2351

REPORT DATA

Report Number: KK2046

	<u>2BG720</u>	<u>EA14</u>	<u>E014</u>	<u>E034</u>	N0674-70 ATM D2000 PLATEN <u>RESULTS</u>
<u>BASIC PROPERTIES</u>					
Hardness, Shore A, pts.	70 ± 5				71
Tensile Strength, psi. min.	2000				2546
Elongation, % min.	250				331
<u>HEAT RESISTANCE</u>					
<u>70 HRS. @ 212°F</u>					
Hardness chg. pts.	±15				+6
Tensile Strength chg, %	±30				+6.3
Elongation chg, % max.	-50				-30.2
<u>COMPRESSION SET,</u>					
<u>22 HRS. @ 212°F</u>					
% of original deflection, max.	50				12.6
<u>EA14 WATER RESISTANCE,</u>					
<u>70 HRS. @ 212°F</u>					
Hardness chg. pts.	±10				+1
Volume chg, % max.	±15				+1.1
<u>EO14 ASTM #1 OIL,</u>					
<u>70 HRS. @ 212°F</u>					
Hardness chg. pts.	-5 to +10				+3
Tensile Strength chg, % max	-25				+5.5
Elongation chg, % max	-45				-15.1
Volume chg, %	-10 to +5				-2.3
<u>EO34 ASTM #3 OIL,</u>					
<u>70 HRS. @ 212°F</u>					
Hardness chg. pts.	-10 to +5				-7
Tensile Strength chg, % max	-45				+2.9
Elongation chg, % max	-45				-7.9
Volume chg, %	0 to +25				+13.5