



# MATERIAL REPORT

Date: 06/01/99

**TITLE:** Evaluate Parker's Compound N1470-70 per ASTM D2000  
2BG720 B14 EA14 EO14 EO34 EF11 EF21 .

**PURPOSE:** General Data.

**CONCLUSION:** Parkers Compound N1470-70 passes all requirements of the  
subject specification.

**Recommended Temperature Range:** -40 to 225F

**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

	2BG720 B14 EF11 <u>EF21 EO34 EA14 EO14</u>	PLATENS COMPOUND <u>N1470-70</u>
<u>ORIGINAL PHYSICAL PROPERTIES</u>		
Hardness, Shore A, pts.	70	67
Tensile Strength, psi.	2000	2044
Elongation, %	250	300
B14 COMPRESSION SET, <u>22 HRS. @ 212°F</u>		
Deflection, %	25	13
EA14 FLUID IMMERSION, WATER, <u>70 HRS. @ 212°F</u>		
Hardness Change, pts.	+/-10	-2
Volume Change, %	+/-15	+10
EO14 FLUID IMMERSION, ASTM #1 OIL <u>70 HRS. @ 212°F</u>		
Hardness Change, pts.	-5 to +10	+8
Tensile Change, %	-25	+4
Elongation Change, %	-45	-34
Volume Change, %	-10 to +5	-9.0
EO34 FLUID IMMERSION, ASTM #1 OIL <u>70 HRS. @ 212°F</u>		
Hardness Change, pts.	-10 to +5	-3
Tensile Change, %	-45	+3
Elongation Change, %	-45	-19
Volume Change, %	0 to +25	+22
EF11 FLUID IMMERSION, FUEL A <u>70 HRS. @ R.T.</u>		
Hardness Change, pts.	+/-10	-1
Tensile Change, %	-25	-9
Elongation Change, %	-25	-22
Volume Change, %	-5 to +25	0
EF21 FLUID IMMERSION, FUEL B <u>70 HRS. @ R.T.</u>		
Hardness Change, pts.	0 to -30	-12
Tensile Change, %	-60	-33
Elongation Change, %	-60	-37
Volume Change, %	0 to +40	+22