



MATERIAL REPORT

REPORT NUMBER: KK2137

DATE: 9/04/91

TITLE: Test Parker Compound N0299-50 to ASTM D2000 line callout M2BG510 B14.

PURPOSE: To determine if Parker compound N0299-50 meets said specification.

CONCLUSION: Parker Compound N0299-50 meets said specification.

Recommended Temperature Range: -55 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

Parker O-Ring Division
2360 Palumbo Drive
Lexington, Kentucky 40512
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REPORT DATA

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COMPOUND: N0299-50 TO
ASTM D2000 M2BG510 B14

ORIGINAL PHYSICAL PROPERTIES

	<u>LIMIT</u>	<u>RESULT</u>
Hardness, Shore A, pts.	50 ± 5	51
Tensile Strength, MPa (psi.)	10 (1450)	13.8 (1995)
Elongation, %	300	582

HEAT AGE

70 HRS @ 100°C (212°F)

Hardness Change, pts.	± 15	+ 7
Tensile Change, %	± 30	+ 22.3
Elongation Change, %	- 50	- 21.5

OIL IMMERSION, ASTM #3

70 HRS @ 100°C (212°F)

Volume Change, %	+40	+ 9.0
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B14 COMPRESSION SET

22 HRS @ 100°C (212°F)

% Deflection	25	16.4
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