

Compound Data SheetO-Ring Division United States

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 (859) 269-2351

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COMPOUND: N0299-50 TO ASTM D2000 M2BG510 B14

ORIGINAL PHYSICAL PROPERTIES Hardness, Shore A, pts.	<u>LIMIT</u> 50 ± 5	<u>RESULT</u> 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
B14 COMPRESSION SET		
22 HRS @ 100°C (212°F)		
% Deflection	25	16.4