Compound Data Sheet
O-Ring Division United States

MATERIAL REPORT

REPORT NUMBER: KK2048
DATE: 2/19/90

TITLE: Evaluation of Parker Compound N0525-60 to SAE J200 (ASTM D2000) M2CH614 A25 B34 E015 E035.

PURPOSE: To provide conformance documentation.

CONCLUSION: Parker Compound N0525-60 meets or exceeds the requirements of the subject specification.

Recommended Temperature Range: -25 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

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ORIGINAL PHYSICALS	SAE J200 (ASTM D2000) M2CH614 A25 B34 E015 E035	N0525-60 TEST SLABS
Hardness, Shore A, pts.	60 ± 5	63
Tensile Strength, psi.	2031	2414
Elongation, %	350	510
A25 HEAT AGE		
70 HRS. @ 257°F		
Hardness, Change, pts.	0 to + 15	+6
Tensile Change, %	-25	+11.6
Elongation Change, %	-50	-23.3
B34 COMP. SET		
22 HRS. @ 212°F		
max. %	25	7.5
E015 FLUID IMMERSION		
ASTM #1		
70 HRS. 257°F		
Hardness Change, pts	0 to +10	+1
Tensile Change, %	-20	+2.5
Elongation Change, %	-35	-16.1
Volume Change, %	-15 to +5	-1.8
E035 FLUID IMMERSION		
ASTM #3		
70 HRS @ 257°F		
Hardness Change, pts.	+10	-8
Tensile Change, %	-15	-1.2
Elongation Change, %	-30	-13.3
Volume Change, %	0 to +25	+9.8
DEXTRON II TRANSMISSION FLUID IMMERSION		
500 HRS. @ 248°F		
Hardness Change, pts.	+5	+5
Tensile Change, %	-55	-23.1
Elongation Change, %	-65	-48.0
Volume Change, %	-2 to +5	-0.4