Compound Data Sheet
O-Ring Division United States

MATERIAL REPORT

REPORT NUMBER: KK1827
DATE: 09/29/86

TITLE: Evaluation of Parker Compound N1069-70 for FDA Compliance.

PURPOSE: General data.

CONCLUSION: Parker compound N1069-70 meets all FDA qualifications.

Recommended Temperature Range: -30 to 180F

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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Lexington, Kentucky 40512
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Request a Quote

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	COMPOUND N1069-70
ORIGINAL PHYSICAL PROPERTIES	2-214 O-RINGS
Hardness, Shore A, pts.	70
Tensile Strength, psi.	1287
Elongation, %	458
Modulus 100%	297
Specific Gravity	1.26
HEAT AGE, 70 HRS. @ 257°F	
Hardness Change, pts.	+8
Tensile Change, %	+13
Elongation Change, %	-55
FLUID IMMERSION, ASTM #1	
70 HRS. @ 302°F	
Hardness Change, pts.	+4
Tensile Change, %	+5.1
Elongation Change, %	-46
Volume Change, %	- 1.9
FLUID IMMERSION, ASTM #3	
70 HRS. @ 302°F	
Hardness Change, pts.	-2
Tensile Change, %	-36
Elongation Change, %	-51
Volume Change, %	+16
FLUID IMMERSION, DISTILLED WATER	
22 HRS. @ 158°F	
Hardness Change, pts.	-2
Weight Change, %	-20
Volume Change, %	+20
FLUID IMMERSION, BUTTER OIL	
22 HRS. @ 158°F	
Hardness Change, pts.	-2
Weight Change, %	-1.4
Volume Change, %	+1.4
TR-10°F	-21
HEXANE EXTRACTION	Pass
COMPRESSION SET,	
70 HRS. @ 212°F	
% of Original Deflection	38