

ORIGINAL PHYSICAL PROPERTIES

COMPOUND V1033-70  
2-214 O-RINGS

Hardness, Shore A, pts.	70
Tensile Strength, psi.	1353
Elongation, %	239
100% Modulus	429
Specific Gravity	2.12

HEAT AGE, 70 HRS. @ 257°F

Hardness Change, pts.	+ 1
Tensile Change, psi.	+26.8
Elongation Change, %	- 7.1

COMPRESSION SET, 70 HRS. @ 212°F

% of Original Deflection	8.8
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FLUID AGE, ASTM #1 OIL,  
70 HRS. @ 302°F

Hardness Change, pts.	0
Tensile Change, psi.	+ 9.8
Elongation Change, %	-15.5
Volume Change, %	+ 0.3

FLUID AGE, ASTM #3 OIL,  
70 HRS. @ 302°F

Hardness Change, pts.	0
Tensile Change, psi.	+ 8.5
Elongation Change, %	-10
Volume Change, %	+ 3.5

AGED IN DISTILLED WATER,  
22 HRS. @ 158°F

Hardness Change, pts.	0
Weight Change, %	+ 0.9
Volume Change, %	+ 1.9

LOW TEMP. BRITTLENESS

5 Hrs. @ -40°F	Pass
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<u>TR-10, °F</u>	+ 1.5
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