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What We Promise!*

## *Physical Property Data Sheet*

**Material:** Nitrile 60, Certified to NSF61  
**Compound Number:** N6015

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**Specifications:** ASTM D2000 2BG 614 B14 EA14 EO14 EO34 F17

<b>ORIGINAL PROPERTIES</b>	<b>SPECS</b>	<b>RESULTS</b>
Hardness Change, pts. Shore A	60 ± 5	61
Tensile Strength Change, psi	1450	2247
Elongation Change, %	300	391
<b><u>HEAT AGED, 70 h at 100° C, ASTM D573</u></b>		
Hardness Change, pts	± 15	+4
Tensile Strength Change, %	± 30	+7.1
Elongation Change, %	-50	-20.5
<b><u>B14 - COMPRESSION SET, 22 h at 100° C, ASTM D395, Method B</u></b>		
Deflection, % max	25	12.7
<b><u>EA14 - WATER RESISTANCE, 70 h at 100° C, ASTM D471</u></b>		
Hardness Change, pts	± 10	-3
Volume Change, %	± 15	+10.2
<b><u>EO14 - FLUID RESISTANCE, IRM901 Oil, 70 h at 100° C, ASTM D471</u></b>		
Hardness Change, pts	-5 - +10	+7
Tensile Strength Change, %	-25 max	-15.2
Elongation Change, %	-45 max	-25.1
Volume Change, %	-10 to +5	-8.1
<b><u>EO34 - FLUID RESISTANCE, IRM903 Oil, 70 h at 100° C, ASTM D471</u></b>		
Hardness Change, pts	-10 to +5	-5
Tensile Strength Change, %	-45 max	-16.4
Elongation Change, %	-45 max	-23.1
Volume Change, %	0 to +25	+5.2
<b><u>F17 - LOW TEMPERATURE BRITTLENESS, 3 MINUTES @ -40° C</u></b>		
Non Brittle	pass	pass

The data shown here is intended as a guideline only. It is advisable to test under actual service conditions.