



O-Ring Division
2360 Palumbo Drive
Lexington, KY 40509
(859) 269-2351

Date: 9/14/2015
Compound: S0383
Batch: 0031004995
Part Size: T0606075
Customer Part: NA
Part Revision Level: NA
Specification: AMS3337
Revision Level: E
Customer: NA
Test Lab Location: Lexington
LTR: 111307
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LABORATORY TEST REPORT

Original Physical Properties

Hardness, Shore A, pts.
Tensile Strength, psi, min
Ultimate Elongation, %

Specific Gravity, ± 0.03

Test Method	Spec Limits	Test Results
ASTM D2240	70 $\pm$ 5	67
ASTM D412	600	1143
ASTM D412	150	177
ASTM D297	Preproduction Value	1.27

Compression Set

22 hrs. @ 175°C

Percent of Original Deflection, max

ASTM D395 Method B	35	12
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Dry Heat Resistance

22 hrs. @ 225°C

Hardness Change, pts.
Tensile Change, %, max
Elongation Change, %, max

ASTM D573	-5 to +10	-1
	-15	-14
	-20	-14

Fluid Immersion

IRM 901 Oil, (70 hrs. @ 175°C)

Hardness Change, Shore A pts.
Tensile Strength Change, %, max
Ultimate Elongation Change, %, max
Volume Change, %
Decomposition
Surface Tackiness

ASTM D471	-15 to +5	-7
	-30	-7
	-20	-10
	0 to +25	+12
	None	None
	None	None

Tear Strength, Die B

kN/m, min

ASTM D624	10.5	20.5
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Low Temperature Brittleness

Nonbrittle after 3 min. @ -85°C

ASTM D2137	Pass	Pass
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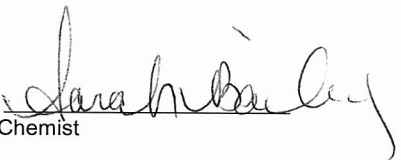
Resistance to Ozone (ARDL)

Quality Retention Rating, min, %

ASTM D1149	No Cracks	No Cracks
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"Purchaser use only. Reproduce only in full. Data pertains to items referenced only."
"The recording of false, fictitious, or fraudulent statements or entries on this report may be punishable as a felony under federal law."

Tested By: 
Royce Bugg Lab Tech III

Approved By: 
Sarah Bailey, Chemist