



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



CONTACT US

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
Page: 1 of 1

LABORATORY TEST REPORT

Original Physical Properties

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

Specific Gravity, ±0.03

<u>Test Method</u>	<u>Spec Limits</u>	<u>Test Results</u>
ASTM D2240	70±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

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

Low Temperature Brittleness

Nonbrittle after 3 min. @ -85°C


ASTM D2137 Pass Pass

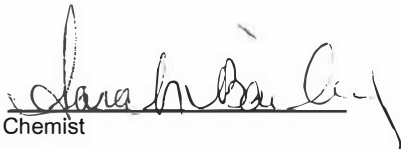
Resistance to Ozone (ARDL)

Quality Retention Rating, min, %

ASTM D1149 No Cracks No Cracks

"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 Technician

Approved By: 
Sarah Bailey, Chemist