

Date: 2/22/2016

**For AS568 O-rings only**

**Specification: ASTM D2000 M4HK710 A1-11 B38 EF31 EO78 Z1**

Z1: Hardness = 75±5 Shore A

Cure System: Bisphenol

Recommended Service Temperature: 5°F to 446°F (-15°C to 230°C)

NOTE: All testing done on slabs and buttons.

Original Properties	Specification
Hardness, Shore A	75 ± 5
Tensile Strength, psi	1450 min
Ultimate Elongation, %	175 min
Specific Gravity	-
Color	Black

**Heat Resistance - A1-11, ASTM D 573 (70 hrs @ 275°C)**

Hardness Change, points	max	10
Tensile Strength Change, %	-40	max
Elongation Change, %	-20	max

**Compression Set, % - B38, ASTM D 395 Method B (22 hrs @ 200°C)**

Permanent Set, %	max	50
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**Fluid Resistance, ASTM Fuel C - EF31, ASTM D 471 (70 hrs @ 23°C)**

Hardness Change, points	-5	to	5
Tensile Strength Change, %	-25	max	
Elongation Change, %	-20	max	
Volume Change, %	0	to	10

**Fluid Resistance, ASTM #101 Oil - EO78, ASTM D 471 (70 hrs @ 200°C)**

Hardness Change, points	-15	to	5
Tensile Strength Change, %	-40	max	
Elongation Change, %	-20	max	
Volume Change, %	0	to	15

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.



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