



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

Test Date: 1/26/2011
 Compound: V0884
 Batch: 0080133947
 Test Specimen: T0606075
 Specification: ASTM D2000
 Customer:
 Test Lab Location: LEXINGTON
 LTR : 76925
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Laboratory Report

ASTM D2000 M2HK 710 A1-10 Z1 Z2 Z3 Z4

| <u>Original Physical Properties(Z1)</u> | <u>Test Method</u> | <u>Spec Limits</u> | <u>Test Results</u> |
|--|--------------------|--------------------|---------------------|
| Hardness, Shore A, pts. | ASTM D2240 | 75±5 | 77 |
| Tensile Strength, min psi. | ASTM D412 | 1450 | 1979 |
| Ultimate Elongation, % | ASTM D412 | 175 | 207 |
| Specific Gravity | ASTM D297 | 2.15 ±.02 | 2.15 |
| Color (Z4) | Visual | Brown | Brown |
| (A1-10) Heat Aged | | | |
| 70 hrs. @ 482°F | | | |
| Hardness Change, pts | ASTM D573 | +10 | +3 |
| Tensile Strength Change, %, max | | -25 | -1 |
| Ultimate Elongation Change, %, max | | -25 | -20 |
| (Z2) Compression Set | | | |
| 70 hrs. @ 392°F(Plied) | | | |
| % Percent of Original Deflection, max | ASTM D395 Method B | 30 | 24 |
| 336 hrs. @ 392°F(Plied) | | | |
| % Percent of Original Deflection, max | ASTM D395 Method B | 55 | 37 |
| (Basic Requirement) Fluid Immersion | | | |
| IRM 903 Oil, 70 hrs. @ 302°F | | | |
| Volume Change, % Max | ASTM D471 | +10 | +2 |
| (Z3) Low Temperature Resistance | | | |
| TR-10, °C, max | ASTM D1329 | -15 | -17 |

Z1 = Original Physical Properties

Hardness Change (D2240), 75 ±5 Shore A
 Specific gravity (D297), 2.15 ± 0.02
 Color, Brown

Z2 = Compression set (ASTM D395B) Plied

70hrs @ 392°F 30% max
 336hrs @ 392°F 55% max

Z3 = Temperature Retraction TR-10 (ASTM D1329), TR-10 -15°C or colder

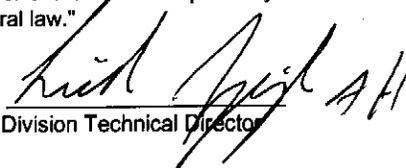
Z4 = Brown



Contact Us

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Tested By: 
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