



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



CONTACT US

Date: 6/10/2008
Compound: L1120
Batch: 31002476
Specification: ASTM D2000
Test Lab Location: Lexington
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LTR: 58298

COMPOUND DATA SHEET

ASTM D2000 M2FK606 A19 EF31 F19 Z1

<u>Original Physical Properties</u>	<u>Test Method</u>	<u>Spec Limits</u>	<u>Test Results</u>
(Z1)Hardness, Shore A, pts.	ASTM D2240	70±5	75
Tensile Strength, Psi	ASTM D412	870	921
Ultimate Elongation, %	ASTM D412	150	177
(A19)Heat Aged			
<u>70 hrs. @437°F</u>			
Hardness Change, max.	ASTM D865	+15	+5
Tensile Strength Change, %, max		-45	-20
Ultimate Elongation Change, %, max.		-45	-26
(EF31)Fluid Immersion			
<u>Fuel C, (70 hrs. @ 73°F)</u>			
Hardness Change, Shore A pts.	ASTM D471	0 to -15	-14
Tensile Strength Change, %		-60	-21
Ultimate Elongation Change, %		-50	-9
Volume Change, %		0 to +25	+21
(F19)Low Temperature Brittleness			
Nonbrittle after 3 min. @ -55°C	ASTM D2137	Pass	Pass
Fluid Immersion			
<u>IRM 903, (70 hrs. @ 302°F)</u>			
Volume Change, %	ASTM D471	0 to +25	+4
Compression Set			
<u>(22 hrs. @ 347° F)</u>			
Percent of Original Deflection, max (½" Buttons)	ASTM D395 Method B	50	25

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