



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

Date: 3/1/2001
Compound: VP102-80
Size: platens, as noted
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LABORATORY TEST REPORT

Typical Data

	Test Results
<u>Original Physical Properties, ASTM D412, D2240</u>	
Hardness, Shore A, pts.	81
Tensile Strength, psi	2538
Ultimate Elongation, %	122
Modulus @ 100%, psi	2060
<u>Compression Set, ASTM D395 Method B (70 hrs. @ 347°F)</u>	
Percent of Original Deflection (plied)	22
Percent of Original Deflection (1/2" button)	27
Percent of Original Deflection (0.139" cross section)	23
<u>Dry Heat Resistance, ASTM D573 (70 hrs. @ 392°F)</u>	
Hardness Change, pts.	-1
Tensile Change, %	+12
Elongation Change, %	-4
<u>Fluid Immersion, ASTM D471 ASTM #1 Oil, (70 hrs. @ 302°F)</u>	
Hardness Change, pts.	-3
Tensile Change, %	-5
Elongation Change, %	+13
Volume Change, %	+3
<u>Fluid Immersion, ASTM D471 IRM 903 Oil, (70 hrs. @ 302°F)</u>	
Hardness Change, pts.	-9
Tensile Change, %	-20
Elongation Change, %	-20
Volume Change, %	+14
<u>Fluid Immersion, ASTM D471 Diesel Fuel #2, (70 hrs. @ 149°F)</u>	
Hardness Change, pts.	-8
Tensile Change, %	-35
Elongation Change, %	-2
Volume Change, %	+9
<u>Tear Strength, Die B, ASTM D624</u>	
kN/m	24
<u>Low Temperature Brittleness, ASTM D1329</u>	
TR-10, °C	0