# LABORATORY TEST REPORT

<table>
<thead>
<tr>
<th>Property</th>
<th>Requirement</th>
<th>Test Results</th>
<th>L1223-60</th>
<th>LM156-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A, pts.</td>
<td>60 ± 5</td>
<td>60</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Tensile Strength, psi, min</td>
<td>700</td>
<td>1066</td>
<td>864</td>
<td></td>
</tr>
<tr>
<td>Ultimate Elongation, %, min</td>
<td>150</td>
<td>286</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.46 ± 0.03</td>
<td>1.46</td>
<td>1.46</td>
<td></td>
</tr>
</tbody>
</table>

**Low-Temperature Resistance, ASTM D1320**

Temperature Retraction, TR, Point, Max
-57°C(-70°F) to -60.7°C(-77.9°F) to -60.1°C(-76.2°F)

**Compression Set:**
(70 h @ 73°F), ASTM D395 Method B

Percent of Original Deflection, max., %

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>L1223-60</th>
<th>LM156-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 0.110 inch</td>
<td>20</td>
<td>11.7</td>
<td>8.8</td>
</tr>
<tr>
<td>Over 0.110 inch</td>
<td>15</td>
<td>5.5</td>
<td>11.8</td>
</tr>
</tbody>
</table>

**Dry Heat Resistance:**
(70 h @ 392°F), ASTM D573

Hardness Change: +10, -5
Tensile Change, %, max: -25
Elongation Change, %, max: -25
Weight Loss, %, max: -2

**Compression Set,**
(22 h @ 347°F), ASTM D395 Method B

Percent of Original Deflection, max., %

<table>
<thead>
<tr>
<th></th>
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<th>L1223-60</th>
<th>LM156-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 0.110 inch</td>
<td>45</td>
<td>15.2</td>
<td>12.1</td>
</tr>
<tr>
<td>Over 0.110 inch</td>
<td>40</td>
<td>11.8</td>
<td>23.3</td>
</tr>
</tbody>
</table>

**AMS 3924, 70h @ 392°F**

Hardness Change: ±15
Tensile Change, %, max: -45
Elongation Change, %, max: -30
Volume Change, %, max: +1 to +15
COMPRESSION SET, %, max

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>L1223-60</th>
<th>LM156-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 0.110 inch</td>
<td>50</td>
<td>6.7</td>
<td>16.4</td>
</tr>
<tr>
<td>Over 0.110 inch</td>
<td>45</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Aromatic Fuel Resistance:**
Fuel B, (22 h @ 73°F), ASTM D471

Hardness Change: -20
Tensile Change, %, max: -50
Elongation Change, %, max: -40
Volume Change, %: +1 to +25

Prepared By: [Signature]
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