LABORATORY TEST REPORT

Original Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
<th>Test</th>
<th>Spec Limits</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A, pts.</td>
<td>ASTM D2240</td>
<td></td>
<td>65±5</td>
<td>84</td>
</tr>
<tr>
<td>Tensile Strength, psi, min</td>
<td>ASTM D1414</td>
<td></td>
<td>1200</td>
<td>1749</td>
</tr>
<tr>
<td>Ultimate Elongation, % min</td>
<td>ASTM D1414</td>
<td></td>
<td>200</td>
<td>364</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>ASTM D297</td>
<td></td>
<td>+0.02</td>
<td>1.24</td>
</tr>
<tr>
<td>Corrosion</td>
<td>ASTM D1414</td>
<td></td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>

Aromatic and Non-Aromatic Fuel:

- Fuel A, 70 hrs @ 68-86°F
- Fuel B, 70 hr @ 68-86°F
- Volume Change % max
- Dry Out, 48 hrs @ 158°F (after 70 hr @ R.T. Fuel B)
- Volume change % max.
- Fuel A, 5 hrs @ 68-86°F (after 48 hr dryout)
- Volume Change % max.

Compression Set

- 70 hrs. @ 257°F
- Percent of Original Deflection, % max
- ASTM D395 Method B
- Ring Cross Section Diameter, Inch
- 0.066 to 0.110, in., incl.
- Over 0.110 in.
- 85
- 75
- 64

Dry Heat Resistance

- 70 hrs. @ 257°F
- Hardness Change, Shore A, pts
- ASTM D573
- Tensile Strength Change, % max.
- Elongation Change, % max.
- Bend (Flat)
- No Cracking
- No Cracking or Checking
- No Cracking or Checking
- 0 to +15
- -25
- -50

Simulated Component Test:

AMS 7271 H Pass Pass

Dry Neckdown Test:

AMS 7271 H Pass Pass

Wet Neckdown Test:

AMS 7271 H Pass Pass

Low Temperature Flexibility

- As Received, Max. -50°C (-58°F)
- After immersion in Aromatic fuel and drying, max. -47°C (-53°F)

"Purchaser use only. Reproduce only in full. Data pertains to items referenced only."
"The recording of false, fictitious, or fraudulent statements or entries on this report may be punishable as a felony under federal law."

**ATTACHED TEST REPORT

Tested By: Tammy Blount, Laboratory Technician II
Approved By: Linda Ziegler, Division Technical Director