MATERIAL REPORT

TITLE: Parker Compound V0680-70

PURPOSE: To provide a general profile of this material.

CONCLUSION: This compound is not evaluated to an ASTM D2000 specification. Data is for reference only.

Recommended Temperature Range: -15°F to 400°F
### REPORT DATA

**ASTM D2000**  
**ORIGINAL PHYSICALS**  

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>70 ± 5</td>
</tr>
<tr>
<td>Tensile Strength, psi, min.</td>
<td>1450</td>
</tr>
<tr>
<td>Elongation, %, min.</td>
<td>175</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>As Determined (+/-0.02) 2.20</td>
</tr>
</tbody>
</table>

**A1-10 HEAT AGE**  
**70 HRS. @ 250°C (482°F)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness Change, %</td>
<td>+ 10</td>
</tr>
<tr>
<td>Tensile Change, %</td>
<td>- 25</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>- 25</td>
</tr>
</tbody>
</table>

**FLUID IMMERSION**  
**FUEL B**  
**70 HRS @ 23°C (73°F)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, pts (Chg, pts)</td>
<td>± 5</td>
</tr>
<tr>
<td>Tensile Strength, psi (Chg %)</td>
<td>-25 max</td>
</tr>
<tr>
<td>Elongation Decrease, (Chg %)</td>
<td>-20 max</td>
</tr>
<tr>
<td>Volume Change, %</td>
<td>0 to +10</td>
</tr>
</tbody>
</table>

**FLUID IMMERSION**  
**FUEL C**  
**70 HRS @ 23°C (73°F)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume Change, %</td>
<td>0 to +10 +4.0</td>
</tr>
</tbody>
</table>

**(EO78) FLUID IMMERSION**  
**SERVICE LIQUID NO. 101**  
**70 HRS @ 200°C (392°F)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, pts (Chg, pts)</td>
<td>-15 to +5</td>
</tr>
<tr>
<td>Tensile Strength, psi (Chg %)</td>
<td>-40 max</td>
</tr>
<tr>
<td>Elongation Decrease, (Chg %)</td>
<td>-20 max</td>
</tr>
<tr>
<td>Volume Change, %</td>
<td>0 to +15</td>
</tr>
</tbody>
</table>