MATERIAL REPORT

Date: 01/15/2002

TITLE: General evaluation of Parker's General Purpose Ethylene Propylene compound EB152-70.

PURPOSE: To provide a general physical and chemical attribute profile of this compound.

Temperature: -70 to 250 (F)

Recommended For: Hot Water and Steam, Glycol Based Brake Fluid, Many Organic and Inorganic Acids, Cleaning Agents, Soda And Potassium Alkalis, Phosphate Ester based Hydraulic Fluids, Silicone Oil and Grease, Polar Solvents, Ozone, Aging and Weather Resistance

Not Recommended For: Mineral Oil Products
## REPORT DATA

<table>
<thead>
<tr>
<th>ORIGINAL PHYSICAL PROPERTIES</th>
<th>PLATENS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A</td>
<td>68</td>
</tr>
<tr>
<td>Tensile Strength, min.</td>
<td>2320</td>
</tr>
<tr>
<td>Elongation at Break, min.</td>
<td>253</td>
</tr>
</tbody>
</table>

### HEAT AGED

**70 Hrs. @ 257° F**

- Hardness Change, pts.          +2
- Tensile Strength Change, max  -5
- Elongation Change, max         -8

### Compression Set

**ASTM D 395, Method B**

**22 Hrs. @ 257°F (Plied)**

- % of original Deflection (plied) 17%

### Fluid Immersion ASTM D471

**Water 70 Hrs. @ 212°F**

- Volume Change, % -2

### Low Temperature Brittleness ASTM D2137

- Nonbrittle after 3 min. @ -55 °C Passed

### Tear Strength Die C ASTM D624

- kN/m 31

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*“The recording of false, fictitious or fraudulent statements or entries on this report may be punishable as a felony under federal law.”*