MATERIAL REPORT

Date: 10/02/95


PURPOSE: General Data.

CONCLUSION: Parkers Compound N1490-90 passes all requirements of the subject specification.

Recommended Temperature Range: -30 to 250F

Recommended for: petroleum oils, water (up to 212F), Salt & Alkali solutions, weak acids

Not Recommended for: aromatic fuels, strong acids, glycols, ozone, polar solvents

Parker O-Ring Division
2360 Palumbo Drive
Lexington, Kentucky 40512
(859) 269-2351
# REPORT DATA

<table>
<thead>
<tr>
<th>ORIGINAL PHYSICAL PROPERTIES</th>
<th>M7BG910 EF11</th>
<th>PLATENS COMPOUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A, pts.</td>
<td>90 +/-5</td>
<td>87</td>
</tr>
<tr>
<td>Tensile Strength, psi.</td>
<td>1450</td>
<td>2006</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>100</td>
<td>164</td>
</tr>
</tbody>
</table>

**EA14 FLUID IMMERSION, WATER, 70 HRS. @ 212°F**
- Hardness Change, pts. +/-10
- Volume Change, % +/-15

**EO14 FLUID IMMERSION, ASTM #1 OIL 70 HRS. @ 212°F**
- Hardness Change, pts. -5 to +10
- Tensile Change, % -25
- Elongation Change, % -45
- Volume Change, % -10 to +5

**EO34 FLUID IMMERSION, ASTM #3 OIL 70 HRS. @ 212°F**
- Hardness Change, pts. -10 to +5
- Tensile Change, % -45
- Elongation Change, % -45
- Volume Change, % 0 to +25

**EF11 FLUID IMMERSION, FUEL A 70 HRS. @ R.T.**
- Hardness Change, pts. +/-10
- Tensile Change, % -25
- Elongation Change, % -25
- Volume Change, % 0 to +25

**EF21 FLUID IMMERSION, FUEL B 70 HRS. @ R.T.**
- Hardness Change, pts. 0 to -30
- Tensile Change, % -60
- Elongation Change, % -60
- Volume Change, % 0 to +40