Kyflon™ 3090
Perfluoroelastomer O-Rings, Gaskets and Seals

Kyflon 3090 is a high strength, high modulus perfluoroelastomer compound that has excellent resistance to a broad range of chemicals. This compound has good mechanical properties and is explosive decompression resistant. Kyflon 3090 has superior thermal stability.

### TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>ASTM Method</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Hardness, Shore A. Points</td>
<td>D2240</td>
<td>90</td>
</tr>
<tr>
<td>Temperature Retraction TR-10 degrees C</td>
<td>D1429</td>
<td>-5°</td>
</tr>
<tr>
<td>Elongation @ Break %</td>
<td>D1414</td>
<td>160</td>
</tr>
<tr>
<td>Tensile Strength @ Break, psi</td>
<td>D1414</td>
<td>3050</td>
</tr>
<tr>
<td>Service Temperature Range, °F</td>
<td></td>
<td>19°F to 592°F</td>
</tr>
<tr>
<td>Service Temperature Range, ºC</td>
<td></td>
<td>-7°C to 310°C</td>
</tr>
<tr>
<td>Compression Set @ 25% Deflection</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

70 Hours @ 392°F/200°C, in Air, % of original deflection

Unless otherwise noted all tests conducted on AS 568 (-214) O-Rings