MATERIAL: FLUOROSILICONE 80 SHORE

COLOUR: BLUE

GENERAL SERVICE TEMPERATURE RANGE: -60°C to +177°C

SPECIFICATION: ASTM D2000 M2FK806 A19 EF31 EO36 F19

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES</th>
<th>REQUIREMENT</th>
<th>TEST RESULT</th>
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</thead>
<tbody>
<tr>
<td>HARDNESS SHORE A</td>
<td>80 +/- 5</td>
<td>82</td>
</tr>
<tr>
<td>TENSILE STRENGTH, MPa</td>
<td>6.0</td>
<td>7.1</td>
</tr>
<tr>
<td>ELONGATION %</td>
<td>150</td>
<td>151</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td></td>
<td>1.558</td>
</tr>
</tbody>
</table>

HEAT AGEING 70 hrs @ 225°C

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<tbody>
<tr>
<td>HARDNESS CHANGE, POINTS</td>
<td>+15</td>
<td>+1</td>
</tr>
<tr>
<td>TENSILE STRENGTH CHANGE %</td>
<td>-45</td>
<td>-30</td>
</tr>
<tr>
<td>ELONGATION CHANGE %</td>
<td>-45</td>
<td>-35</td>
</tr>
</tbody>
</table>

COMPRESSION SET

22 hrs @ 175°C %

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<tbody>
<tr>
<td></td>
<td>--</td>
<td>21</td>
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FLUID RESISTANCE, NO.3 OIL, 70 hrs @ 150°C

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<tbody>
<tr>
<td>HARDNESS CHANGE POINTS</td>
<td>0~ -10</td>
<td>-5</td>
</tr>
<tr>
<td>TENSILE STRENGTH CHANGE %</td>
<td>-35</td>
<td>-28</td>
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<tr>
<td>ELONGATION CHANGE %</td>
<td>-30</td>
<td>-28</td>
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<tr>
<td>VOLUME CHANGE %</td>
<td>0~ +25</td>
<td>0</td>
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</table>

FUEL RESISTANCE, TT-S-735 TYPE 111. 22 hrs @ 22°C

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</thead>
<tbody>
<tr>
<td>HARDNESS CHANGE POINTS</td>
<td>0~ -15</td>
<td>-6</td>
</tr>
<tr>
<td>TENSILE STRENGTH CHANGE %</td>
<td>-60</td>
<td>-20</td>
</tr>
<tr>
<td>ELONGATION CHANGE %</td>
<td>-50</td>
<td>-17</td>
</tr>
<tr>
<td>VOLUME CHANGE %</td>
<td>0~ +25</td>
<td>10</td>
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</table>

LOW TEMPERATURE RESISTANCE 3 Min @ -55°C

NON-BRITTLE PASS

The above test results are based on test slabs / buttons. The results from the actual parts may be different.