# Technical Data Sheet

**MR35-80-02**

## Specifications:
- MILPRF6855, CLASS 2, GRADE 80
- MILR6855, CLASS 2, GRADE 80
- MILR3065, SC810 A, F1
- MILR3065, GRADE SC805

## General Properties:
- Chloroprene / Neoprene®
- 80 Durometer, Shore A

## Temperature Range:
- -50°F to 220°F

## Color:
- Black

## Typical Resistances:
- Abrasion
- Aging, Heat - Sunlight
- Elongation
- Flame
- Oil Resistance, Animal - Vegetable
- Oxidation
- Ozone
- Tear
- Weather

## Processes:
- Extrusion
- Molding
- Fabrication

## Approvals:

## Physical Properties

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Test Method</th>
<th>Typical Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density - Durometer</td>
<td>ASTM D1056, ASTM D2240</td>
<td>80±5, Shore A</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D412</td>
<td>1880 PSI</td>
</tr>
<tr>
<td>Elongation</td>
<td>ASTM D412</td>
<td>160%</td>
</tr>
<tr>
<td>Tear Resistance</td>
<td>ASTM D624</td>
<td>46 LB/IN</td>
</tr>
<tr>
<td>Compression Set</td>
<td>ASTM D395 METHOD B, ASTM D1056</td>
<td>22%</td>
</tr>
<tr>
<td>Compression Deflection</td>
<td>ASTM D575, ASTM D1056</td>
<td>N/A</td>
</tr>
<tr>
<td>Accelerated Heat Aging</td>
<td>ASTM D573, ASTM D1056</td>
<td>AS TESTED</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM D1056</td>
<td>AS TESTED</td>
</tr>
<tr>
<td>Oil Resistance</td>
<td>ASTM D471</td>
<td>AS TESTED</td>
</tr>
<tr>
<td>Low Temperature</td>
<td>ASTM D1056, ASTM D2137 METHOD A</td>
<td>AS TESTED</td>
</tr>
</tbody>
</table>

The above information is furnished as a guide for selecting materials. Mechanical Rubber disclaims liability for results or use of this information. It is the end user's responsibility to obtain and test samples when determining suitability of material for a particular application.