# Technical Data Sheet

**MR35-241A-BK-01**

## SPECIFICATIONS:
- ASTM D6576, TYPE 2, GRADES A, B, & C, SOFT
- ASTM D1056, SCE41
- ASTM D1056, RE41
- ASTM D1056, ZA1
- MIL-R8130, TYPE 2, GRADE A, B, & C CONDITION SOFT
- MILC3133 / MILSTD670B, SCE5

## GENERAL PROPERTIES:
- CLOSED CELL SPONGE
- NEOPRENE/EPDM/SBR BLEND

## TEMPERATURE RANGE:
- -40°F TO 200°F

## COLOR:
- BLACK

## TYPICAL RESISTANCES:
- ACID
- ALKALI
- KETONES
- OXIDATION
- OZONE

## PROCESSES:
- DIE CUTTING
- SHEETING
- FABRICATION

## APPROVALS:
- UL 94 HF-1: FLAME
- FMVSS-302: FLAME

## 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>4 - 8 PCF 45±5, SHORE OO</td>
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<tr>
<td>TENSILE STRENGTH</td>
<td>ASTM D412</td>
<td>75 PSI</td>
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<tr>
<td>ELONGATION</td>
<td>ASTM D412</td>
<td>125%</td>
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<tr>
<td>TEAR RESISTANCE</td>
<td>ASTM D624, DIE B</td>
<td>9.6 LB/IN</td>
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<tr>
<td>COMPRESSION SET</td>
<td>ASTM D395, METHOD B, ASTM D1056</td>
<td>&lt; 40%</td>
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<tr>
<td>COMPRESSION DEFLECTION</td>
<td>ASTM D575, ASTM D1056</td>
<td>2 - 5 PSI</td>
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<tr>
<td>ACCELERATED HEAT AGING</td>
<td>ASTM D573, ASTM D1056</td>
<td>±30%</td>
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<tr>
<td>WATER ABSORPTION</td>
<td>ASTM D1056</td>
<td>&lt; 10%</td>
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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.