Modus Advanced, Inc. manufactures custom molded rubber parts, to your exact specifications, using a variety of polymers. Commercial EPDM (Ethylene-Propylene-Diene-Methylene) is used in a wide range of applications where a general-purpose rubber with excellent water, weather, UV and ozone resistance is required. In addition to its resistance to alkaloids and detergents, this material is resistant to becoming brittle and cracking due to environmental exposure. It is an excellent polymer for seals, gaskets and pumps in a commercial application. This material may be less expensive than silicone in some applications. EPDM is not recommended for applications with exposure to oil.

### TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Durometer (Shore A)</td>
<td>50</td>
</tr>
<tr>
<td>Density g/cm³</td>
<td>1.17</td>
</tr>
<tr>
<td>Tensile Strength Mpa</td>
<td>8</td>
</tr>
<tr>
<td>Elongation</td>
<td>450%</td>
</tr>
<tr>
<td>Tear Strength KN/m</td>
<td>25</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-50 to +130° C</td>
</tr>
</tbody>
</table>

### CUSTOMERS ALSO SEARCHED:

- Custom molded rubber
- Molded rubber
- Rubber manufacturer
- Custom injection molding
- Custom compression molding
- Custom molding
- Custom molded silicone
- Molded silicone
- Molded gasket
- Medical molding
- Rubber to metal bonding
- Custom molded rubber products
- Custom molded neoprene rubber
- Custom molded neoprene

### APPLICATIONS

- Used extensively in outdoor applications due to its resistance to environmental conditions
- Not recommended when oil exposure is present.

### FEATURES AND BENEFITS

- Excellent ozone, sunlight and weather resistance
- Less expensive alternative to silicone in some applications

### AVAILABILITY

- Custom molded into shapes

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We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer that converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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