Modus Advanced, Inc. manufactures custom molded rubber parts, to your exact specifications, using a variety of polymers. High Tear Strength Silicone is a material recommended for applications which require resistance to chemicals and temperature extremes, in addition to being resilient with a high degree of elasticity. With greater elongation and tear strength than silicones formulated for general purposes, this material is resistant to abrasion and fatigue. It lends itself to the manufacture of straps, bands, tubing, seals, gaskets, hoses and applications where the part must return to its original shape and size after bending, twisting and compression.

**APPLICATIONS**
- High and low temperature environments
- Use for parts and seals when resilience and flexibility is required
- Medical
- Automotive
- Food Prep

**FEATURES AND BENEFITS**
- Durable
- Resistant to abrasion and fatigue
- Resilient and flexible

**AVAILABILITY**
- Custom molded into shapes

**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>70</td>
</tr>
<tr>
<td>Density g/cm³</td>
<td>1.20</td>
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<tr>
<td>Tensile Strength Mpa</td>
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<tr>
<td>Elongation</td>
<td>400%</td>
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<tr>
<td>Tear Strength KN/m</td>
<td>35</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-60 to +220° C</td>
</tr>
</tbody>
</table>

**CUSTOMERS ALSO SEARCHED:**
- custom molded rubber
- molded rubber
- china molded rubber
- USA molded rubber
- compression 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 rubber molding
- custom rubber production
- silicone molding
- neoprene gasket
- custom molded neoprene

**DATASHEET**

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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