Modus Advanced, Inc. manufactures custom molded rubber parts, to your exact specifications, using a variety of polymers. Thermoplastic Elastomers (TPE) combine the benefits of rubber polymers and thermoplastics by blending a thermoplastic with an elastomeric component. These materials are rubbery, dense and flexible with weather and ozone resistance and shock absorption qualities. The soft texture provides a good grip in addition to being able to stretch repeatedly and retain its original shape.

**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>60</td>
</tr>
<tr>
<td>Density g/cm³</td>
<td>1.22</td>
</tr>
<tr>
<td>Tensile Strength Mpa</td>
<td>12</td>
</tr>
<tr>
<td>Elongation</td>
<td>420%</td>
</tr>
<tr>
<td>Tear Strength KN/m</td>
<td>21</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40 to +105°C</td>
</tr>
</tbody>
</table>

**APPLICATIONS**

- Tools
- Automotive
- Appliances
- Medical
- Electrical

**FEATURES AND BENEFITS**

- Flexible
- Stretchable
- Impact Resistant

**AVAILABILITY**

- Custom molded into shapes

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**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
- 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

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**IDEA**

You design the perfect part

**ENGINEERING**

You specify the best material

**SOLUTION**

We strategically plan

**IGNITION**

We produce and deliver

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**MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION**

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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