Modus Advanced, Inc.’s military-grade A-A-59588 silicone is a heat cured elastomer. It is a fully-compliant 3B material. This product meets all Grade 60 physical and mechanical requirements. This includes flex fatigue, durometer (Shore A), tensile strength, elongation, tear B, compression set, specific gravity, and low temperature brittle point. The following table contains test data generated with a DCLBP peroxide catalyst system.

### A-A-59588, CLASS 3B, GRADE 60

<table>
<thead>
<tr>
<th>TEST</th>
<th>REQUIREMENTS</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shore A</td>
<td>55 – 65</td>
<td>60</td>
</tr>
<tr>
<td>Tensile Strength (psi)</td>
<td>1200 min.</td>
<td>1280</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>400 min.</td>
<td>650</td>
</tr>
<tr>
<td>Tear B (ppi)</td>
<td>150 min.</td>
<td>240</td>
</tr>
<tr>
<td>Compression Set (%)</td>
<td>25 max.</td>
<td>19.8</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.16 – 1.22</td>
<td>1.19</td>
</tr>
<tr>
<td>Flex Resistance (140,000 cycles/inch)</td>
<td>0.5 max.</td>
<td>0.45</td>
</tr>
<tr>
<td>Low Temperature Brittle Point @ -70° C</td>
<td>Pass 5 of 5</td>
<td>Pass</td>
</tr>
</tbody>
</table>

### FEATURES AND BENEFITS
- High flex-fatigue resistance
- Excellent UV and ozone resistance
- Extreme temperature resistance
- Varox peroxide catalyst system

### MODUS™ SHEET PART NUMBERS
- RX-230-6640 Thickness 0.020”
- RX-230-6641 Thickness 0.032”
- RX-230-6642 Thickness 0.062”
- RX-230-6643 Thickness 0.093”
- RX-230-6644 Thickness 0.125”

### 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
- military molded rubber
- aerospace rubber

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

**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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We are Modus! With multiple locations in North America, 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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