WESLASTOMER™ GRADE 5000 MEDIUM-FIRM CLOSED CELL SPONGE

Modus Advanced, Inc.'s WesLastomer™ Grade 5000 Medium-Firm Closed Cell Sponge is an excellent choice for gasketing and sealing applications that require a soft and compliant material. It is considered a lower cost alternative to solid rubber, and is used as shock absorbers, thermal barriers and weather stripping. Also, its noninterconnected closed cells make it extremely impermeable to water absorption. Our sponge rubber is available in five hardnesses: Soft, Medium, Medium-Firm, Firm and X-Firm. Sheet thickness ranges from 1/16” up to 2”. Sheet size is 42” x 72” and can be die cut to meet the exact design specifications for any requirement.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>WesLastomer™</th>
<th>4800</th>
<th>4900</th>
<th>5000</th>
<th>5100</th>
<th>5200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Density (PCP Approx.)</td>
<td>6 +/- 2</td>
<td>6 +/- 2</td>
<td>9 +/- 2</td>
<td>10 +/- 2</td>
<td>13 +/- 4</td>
</tr>
<tr>
<td>Polymer</td>
<td>NEO/EPDM POLYMERIC BLEND</td>
<td>NEO/EPDM POLYMERIC BLEND</td>
<td>NEO/EPDM POLYMERIC BLEND</td>
<td>NEO/EPDM POLYMERIC BLEND</td>
<td>NEO/EPDM POLYMERIC BLEND</td>
</tr>
<tr>
<td>ASTM-D-1056-67 &amp; 68, GRADE</td>
<td>SCE 41</td>
<td>SCE 42</td>
<td>SCE 43</td>
<td>SCE 44</td>
<td>SCE 45</td>
</tr>
<tr>
<td>ASTM-D-1056-91 &amp; 07 SAE J18-R792</td>
<td>2C1</td>
<td>2C2</td>
<td>2C3</td>
<td>2C4</td>
<td>2C5</td>
</tr>
<tr>
<td>COMPRESSION SET, SUFFIX B2 25% MAXIMUM</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>COMPRESSION DEFORMATION @ 25% DEFORMATION</td>
<td>2 - 5 PSI</td>
<td>5 - 9 PSI</td>
<td>9 - 13 PSI</td>
<td>13 - 17 PSI</td>
<td>17 - 25 PSI</td>
</tr>
<tr>
<td>WATER ABSORB BY WEIGHT MAX, ASTM MTD.</td>
<td>5% (10% ALLOWED)</td>
<td>5% (10% ALLOWED)</td>
<td>5% (10% ALLOWED)</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>TEMPERATURE RESISTANCE, Low °F/High °F</td>
<td>-40/+250</td>
<td>-40/+250</td>
<td>-40/+250</td>
<td>-40/+250</td>
<td>-40/+250</td>
</tr>
<tr>
<td>ELONGATION % Min</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>HEAT AGING, 7 days @ 158°F +/- 30% MAX CD CHANGE</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>TENSILE STRENGTH Min.</td>
<td>75 psi</td>
<td>100 psi</td>
<td>100 psi</td>
<td>125 psi</td>
<td>150 psi</td>
</tr>
<tr>
<td>OZONE 20% STRESS, 72 HRS @100 PPHM, ASTM-D-1171-94, 1149-91, GM6086M, GM4466P, CHRYSLER MSAY 527</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>OIL RESISTANCE, FLUID IMMISSION E1, 7 Days @ 23°C or 74°F</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>FLAME RESISTANCE TO UL 94 HF1, FMVSS302</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
</tr>
</tbody>
</table>

FEATURES AND BENEFITS

- Soft and compliant
- Closed cell structure inhibits water absorption
- Lower cost alternative to solid rubber

APPLICATIONS

- Gaskets and seals
- Shock absorber
- Thermal barrier
- Weather stripping

The primary method of application for WesLastomer™ products is utilizing a Pressure Sensitive Adhesive (PSA) backing and/or mechanical fasteners.

STANDARDS:

C C C, UL 50E, UL 157, UL 508, UL 94HF-1 CAN/CSA C22.2 NO. 017-92

CUSTOMERS ALSO SEARCHED:

- Silicone
- Silicone sponge
- Silicone gaskets
- Silicone sponge
- Silicone foam
- Silicone gasket
- Microcellular urethane
- Urethane foam gaskets
- Cellular urethane
- LCD gaskets
- Low outgassing
- UL 94 HBF gasket
- UL 94 V-0
- Water sealing
- Rohs gasket
- Led gasket
- Conductive gasket
- Die cut gasket
- Die cut seal
- Rubber gasket
- Emi shielding
- Conductive rubber
- Form in place
- Led gasket

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which 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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