Modus Advanced, Inc.'s WesLastomer™ Grade 5100 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.

**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

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>WesLastomer™</th>
<th>4800</th>
<th>4900</th>
<th>5000</th>
<th>5100</th>
<th>5200</th>
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<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>
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<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>
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<td>ASTM-D-1056-67 &amp; 68, GRADE</td>
<td>SCE 41</td>
<td>SCE 42</td>
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<td>ASTM-D-1056-91 &amp; 07 SAE J18-R/92</td>
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<td>COMPRESSION SET, SUFFIX-B2 25% MAXIMUM</td>
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<td>COMPRESSION DEFLECTION @ 25% DEJECTION</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>
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<td>WATER ABSorb. By WEIGHT MAX. ASTM METH.</td>
<td>5% (10% ALLOWED)</td>
<td>5% (10% ALLOWED)</td>
<td>5% (10% ALLOWED)</td>
<td>5%</td>
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<tr>
<td>TEMPERATURE RESISTANCELow °F/High °F</td>
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<td>ELONGATION % Min.</td>
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<td>HEAT AGING, 7 days @ 159°F +/- 30% MAX CD CHANGE</td>
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<td>TENSILE STRENGTH Min.</td>
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<td>OZONE 20% STRESS, 72 HRS @ 100 PPHM, ASTM-D-1171-94, 1149-93; GM6086M; GM44660; CHRYSLER MSAY 527</td>
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<td>OIL RESISTANCE, FLUID IMMERSION E1, 7 Days @ 23°C or 72°F</td>
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<td>FLAME RESISTANCE TO UL 94 HF1, FMVVS302</td>
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**CUSTOMERS ALSO SEARCHED:**
- Silicone
- Silicone sponge
- Silicone gaskets
- Silicone sponge gasket
- Silicone foam
- Silicone gasket
- Microcellular urethane
- Urethane foam gaskets
- Cellular urethane
- LCD gaskets
- Low outgassing
- UL 94 HBF gasket
- UL 94 V-O
- Water sealing
- Bolt gasket
- LED gasket
- Conductive gasket
- Die cut gasket
- Die cut seal
- Rubber gasket
- EMI shielding
- Conductive rubber
- Form in place
- LED gasket

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