SHEET AND ROLL

Technical Data

**MATERIAL:** Thermoset fiber reinforced masticated rubber.

**DESCRIPTION:** A highly durable, flexible, and resilient fiber-reinforced masticated thermoset rubber available in sheet or rolled form. Commonly used by converting companies to die cut automotive and heavy truck components. Additional uses include cargo restraint mats, industrial and athletic flooring, agricultural matting, load bearing pads, and acoustic control underlay. Symar® sheet and roll products are ideal for service in areas that can reach up to 70°C (158°F).

**RECYCLED CONTENT:**
- **Post Consumer:** 49% tire-derived
- **Commonly used by converting companies to**
- **Post Industrial:** 41% tire plant scrap
die cut automotive and heavy truck

### PHYSICAL PROPERTIES (ORIGINAL)

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES (ORIGINAL)</th>
<th>TEST METHOD</th>
<th>SPEC MMSP8252</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength, Min.</td>
<td>ASTM D412, Die C</td>
<td>MD: 5.2 Mpa, TD: 2.5 Mpa</td>
<td>MD: 754 PSI, TD: 363 PSI, MD: 5.3 Mpa, TD: 3.0 Mpa</td>
</tr>
<tr>
<td>Tear Strength, Min.</td>
<td>ASTM D624, Die B</td>
<td>MD: 26.4 kN/m, TD: 52.5 kN/m</td>
<td>MD: 150 PI, TD: 300 PI, MD: 35 kN/m, TD: 60 kN/m</td>
</tr>
<tr>
<td>Elongation, %, Min.</td>
<td>ASTM D412, Die C</td>
<td>MD: 15, TD: 40</td>
<td>MD: 18, TD: 50</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td>ASTM D2240</td>
<td>82 ±5</td>
<td>78</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>ASTM D297 sec. 16.3</td>
<td>N/A</td>
<td>1.18</td>
</tr>
<tr>
<td>Ozone Resistance</td>
<td>ASTM D518 <em>B</em></td>
<td>Application specific</td>
<td>Application specific</td>
</tr>
<tr>
<td>Low Temperature Resistance</td>
<td>ASTM D2137 @ -40°C</td>
<td>Non-brittle</td>
<td>Pass</td>
</tr>
</tbody>
</table>

**MD** = Machine Direction; **TD** = Transverse Direction

**INDUSTRY SPECIFICATIONS:**
- GM3805
- Ford WSS-M2D492-A1
- Ford ESA-M2D119A
- Chrysler MSEE26A
- International TMS 6008
- Kenworth R026-170-38
- Freightliner 48-02408-012
- Freightliner 48-02408-019
- Freightliner 48-02408-025
- MMSP8048, MMSP8252

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