INTRODUCING . . .

DURAFoAM™ PMR 150
Black EPDM – Thermoformable

April 2005

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer</td>
<td></td>
<td>EPDM / Polyolefin Blend</td>
</tr>
<tr>
<td>Density (approx)</td>
<td>ASTM-D-3575</td>
<td>4.0 pcf approx</td>
</tr>
<tr>
<td>Compression Deflection @ 25%</td>
<td>ASTM-D-1056-00</td>
<td>5 to 9 psi (2A2)</td>
</tr>
<tr>
<td>Ozone Resistance, ASTM-D-1171</td>
<td>ASTM-D-1171</td>
<td>Visual – No Cracks 2X Magnification – No Cracks</td>
</tr>
<tr>
<td>72 hrs @ 102°F, 100 pphm ozone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ozone Resistance, ASTM-D-1171</td>
<td>ASTM-D-1171</td>
<td>Visual – No Cracks 2X Magnification – No Cracks</td>
</tr>
<tr>
<td>168 hrs @ 102°F, 200 pphm ozone</td>
<td></td>
<td></td>
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<tr>
<td>(Limit of test chamber)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Temperature, -67°F</td>
<td>ASTM-D-1056-00</td>
<td>No Cracks</td>
</tr>
<tr>
<td>Low Temperature, -100°F</td>
<td>ASTM-D-1056-00</td>
<td>No Cracks</td>
</tr>
<tr>
<td>(Limit of test chamber)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultraviolet Testing, 120 hours</td>
<td>MRPC</td>
<td>Linear Shrinkage = 6.4%</td>
</tr>
<tr>
<td>Light at 158°F for 8 hours</td>
<td></td>
<td>Surface Appearance = No Cracks</td>
</tr>
<tr>
<td>Dark at 122°F for 4 hours</td>
<td></td>
<td>Color Change = 0.83</td>
</tr>
<tr>
<td>Condensation Cooling at 15 min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staining, white lacquer panel and</td>
<td>ASTM-D-925</td>
<td>24 hours = No Staining</td>
</tr>
<tr>
<td>aged under sunlamp exposure</td>
<td></td>
<td>48 hours = No Staining</td>
</tr>
<tr>
<td></td>
<td></td>
<td>96 hours = No Staining</td>
</tr>
</tbody>
</table>

High Performance Features
- Softness, stiffness & density infinitely variable.
- High Ozone Resistance.
- High Ultraviolet Resistance.
- Non-Staining.
- Made from Heat Resistant EPDM
- Non-fogging (plasticizer free).
- Dimensionally Stable (Very Low Shrinkage).
- Unique Soft, Supple, Real Rubber Feel.
- Very Fine Cell Structure.
- Thermoformable – deep draw potential
- Can be heat and flame laminated.
- Butt-weldable – Both heat and/or adhesive
- Bonds well to most pressure sensitive adhesives including economy rubber based adhesives.
- Available standard in black.
- Available on special order in custom bright colors.

Chemical Resistance
- Acetic acid, dilute, 10%.
- Acetone
- Acetylene
- Ammonia Gas.
- Animal Oils
- Boric Acid
- Butyl Alcohol (butanol).
- Carbolic Acid (phenol).
- Carbon Dioxide, wet or dry.
- Castor Oil
- Critic Acid
- Copper Sulfate 150°F
- Ethyl Alcohol (ethanol)
- Formaldehyde
- Hydrogen Gas
- Linseed Oil
- Oxygen
- Potassium Chloride
- Potassium Hydroxide
- Soap Solutions
- Sodium Chloride
- Sodium Hydroxide (caustic soda)
- Sodium Peroxide
- Sodium Thiosulfate (hypo)
- Sulfer
- Sulfuric acid, 11-75%
- Whiskey and wines
- Zinc Sulfate

PMR 150 is resistant to many other chemicals in addition to those listed above. Please contact us with your specific requirement.

THE MONMOUTH RUBBER PMR SERIES
IS A FAMILY OF POLYOLEFIN METALLOCENE RUBBER FORMULATIONS, UNIQUE AND PROPRIETARY TO THE DURAFoAM™ PROCESS.

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