Mirafi® MPV700

Mirafi® MPV700 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi® MPV700 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

<table>
<thead>
<tr>
<th>Mechanical Properties</th>
<th>Test Method</th>
<th>Unit</th>
<th>Minimum Average Roll Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab Tensile Strength</td>
<td>ASTM D4632</td>
<td>lbs (N)</td>
<td>150 (668)</td>
</tr>
<tr>
<td>Grab Tensile Elongation</td>
<td>ASTM D4632</td>
<td>%</td>
<td>50</td>
</tr>
<tr>
<td>Mass/Unit Area</td>
<td>ASTM D5261</td>
<td>oz/yard² (g/m²)</td>
<td>6.0 (203)</td>
</tr>
<tr>
<td>Asphalt Retention</td>
<td>ASTM D6140</td>
<td>gal/yard² (l/m²)</td>
<td>&gt; 0.25 (1.14)</td>
</tr>
<tr>
<td>Melting Point¹</td>
<td>ASTM D276</td>
<td>°F (°C)</td>
<td>325 (163)</td>
</tr>
<tr>
<td>UV Resistance (at 500 hours)</td>
<td>ASTM D4355</td>
<td>% strength retained</td>
<td>70</td>
</tr>
</tbody>
</table>

¹Based on Peak Temperature results from TRI.

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Unit</th>
<th>Typical Value²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll Width</td>
<td>ft (m)</td>
<td>12.5 (3.8)</td>
</tr>
<tr>
<td>Roll Length</td>
<td>ft (m)</td>
<td>360 (110)</td>
</tr>
<tr>
<td>Roll Area</td>
<td>yard² (m²)</td>
<td>500 (418)</td>
</tr>
<tr>
<td>Estimated Roll Weight</td>
<td>lbs (kg)</td>
<td>222 (101)</td>
</tr>
</tbody>
</table>

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