**XP-15**

2 Stage Crosslinked Polyethylene

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES</th>
<th>TEST METHOD</th>
<th>VALUES</th>
<th>USA UNITS</th>
<th>VALUES</th>
<th>METRIC UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density - Nominal</td>
<td>ASTM D3575</td>
<td>1.5</td>
<td>lb/ft³</td>
<td>24</td>
<td>kg/m³</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D3575</td>
<td>30</td>
<td>psi</td>
<td>207</td>
<td>kPa</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>ASTM D3575</td>
<td>9</td>
<td>lb/in</td>
<td>161</td>
<td>kg/m</td>
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<tr>
<td>Elongation</td>
<td>ASTM D3575</td>
<td>225</td>
<td>%</td>
<td>225</td>
<td>%</td>
</tr>
<tr>
<td>Firmness</td>
<td>ASTM D2240</td>
<td>20</td>
<td>Asker C</td>
<td>20</td>
<td>Asker C</td>
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</tbody>
</table>

**Compressive Stress**

<table>
<thead>
<tr>
<th>Compression Set</th>
<th>ASTM D3575</th>
<th>%</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>50% 24hr</td>
<td>&lt;25</td>
<td></td>
<td>&lt;25</td>
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<tr>
<td>Compression Strength</td>
<td>25%</td>
<td>7</td>
<td>psi</td>
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<tr>
<td></td>
<td>50%</td>
<td>12</td>
<td>kPa</td>
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<tr>
<td>Working Temperature Range</td>
<td>Internal Test</td>
<td>-40</td>
<td>°F</td>
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<tr>
<td></td>
<td></td>
<td>225</td>
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<tr>
<td>Water Absorption 7 Days</td>
<td>ASTM-D1667</td>
<td>.0289</td>
<td>Lbs./sq.ft</td>
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<tr>
<td>Flammability</td>
<td>FMVSS302</td>
<td>Pass at .25”</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

For bun size and color availability, please see the color and sizing chart, or contact us at info@worldwidefoam.com or visit www.worldwidefoam.com

*Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standards.

The data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.