menzolit® BMC 1000 is a bulk moulding compound based on unsaturated polyester resin. The product is glass fibre reinforced and contains mineral fillers. In case of fire the product doesn’t melt, neither does it form droplets nor is smoke generation excessive. The material is injection moulded in heated steel moulds. It is recommended to work with chrome plated tools. It does not contain any halogens nor any candidates from the REACH SVHC list.

Product with increased hydrolysis resistance, for instance pump housings and water purification systems.

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>ISO 1183</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>ISO 2577</td>
<td>%</td>
</tr>
<tr>
<td>Heat Distortion Temp.</td>
<td>EN ISO 75-2</td>
<td>°C</td>
</tr>
<tr>
<td>Continuous Service Temp.</td>
<td>Menzolit</td>
<td>°C</td>
</tr>
<tr>
<td>Young’s Modulus</td>
<td>EN ISO 527-4</td>
<td>GPa</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>EN ISO 527-4</td>
<td>MPa</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>EN ISO 14125</td>
<td>MPa</td>
</tr>
<tr>
<td>Flex Modulus</td>
<td>EN ISO 14125</td>
<td>GPa</td>
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<tr>
<td>Impact Strength</td>
<td>EN ISO 179</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Glow Wire Index</td>
<td>IEC 60707-3</td>
<td>°C</td>
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<tr>
<td>Fire Retardancy</td>
<td>UL 94</td>
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<tr>
<td>Surface Resistivity</td>
<td>IEC 60093</td>
<td>Ohm</td>
</tr>
<tr>
<td>Comparative Tracking Index</td>
<td>IEC 60112</td>
<td>Level</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ISO 62</td>
<td>%</td>
</tr>
</tbody>
</table>

**FORM of SUPPLY**

menzolit® BMC 1000 is packaged in styrene tight bags and placed in cardboard or wooden boxes. Various kinds of packaging available. For alternative packaging please contact our technical service team. Available in limited colours.