Ultramid® A3XZC3 ESD

ElectroStatic Discharge

Ultramid® A3XZC3 ESD is the first material with an excellent combination of:

- Flammability properties
- Mechanical properties
- Reduced surface resistivity

Suitable for usage in ex-zones

Perfect choice for personal safety equipment
Ultramid® A3XZC3 ESD offers a wide range of properties that enable its use in ex-zones

- Electrostatic discharge
- Outstanding flammability properties
- Reduced surface resistivity
- Excellent mechanical properties
- Low density
  - Lighter components with the same mechanical performance
  - Potential cost savings

Perfect choice for personal safety equipment

- Firefighting equipment
- Mining

Analytical equipment in ex-zones

<table>
<thead>
<tr>
<th>UL Standard</th>
<th>Norm</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL-94 IEC 60695</td>
<td>GWFI IEC 62631-2-12</td>
<td>V-0(1.6 mm) 960°C (1 mm)</td>
</tr>
<tr>
<td>IEC 62631–3–2</td>
<td>Tensile modulus ISO 527-1/-2</td>
<td>1.00E+06 Ohm 10000 MPa</td>
</tr>
<tr>
<td>ISO 527-1/-2</td>
<td>Nom. Tensile strain at break ISO 527-1/2</td>
<td>4.0%</td>
</tr>
<tr>
<td>ISO 179/1eA</td>
<td>Charpy notched (23 °C) ISO 179/1eA</td>
<td>65kJ/m²</td>
</tr>
<tr>
<td>ISO 179/1eA</td>
<td>Charpy notched (-30 °C) Density ISO 1183</td>
<td>60kJ/m² 1190kg/m³</td>
</tr>
</tbody>
</table>

For technical queries relating to Ultramid® please contact:

Ultra Infopoint
+49 621 60-78780
ultraplaste.infopoint@basf.com

Please visit our websites
www.ultramid.com
www.plastics.basf.com