Article-No.: GR8405

X-ray radiation shielding lead glass with 0.50 mmPb (only for mammography/analytic devices)

GR8405 – Technical Data - Radiation Shielding Lead Glass

Radiation protection lead glass (0.50 mmPb) only for mammography and analytic devices. The Pb values have been measured at 120 kV. Non-standard sizes, cuts and other lead equivalents available upon request.

- **Optical properties**
  - Refractive index nₑ at 20°C (annealed at 40°C/h): 1.579
  - Luminous transmittance (d = 6.0 mm): 90.5 %

- **Chemical properties**
  - Hydrolytic resistance according to DIN ISO 719: HGB 3
  - Lead oxide content (PbO): ≥ 22 %
  - Heavy metal oxide content in total: ≥ 23 %

- **Mechanical properties**
  - Density in g/cm³ (delivered condition): ≥ 3.13

- **Processing**
  - The surface of the glass is polished and all edges are chamfered.

<table>
<thead>
<tr>
<th>Thickness in mm</th>
<th>50 kV</th>
<th>56 kV</th>
<th>76 kV</th>
<th>80 kV</th>
<th>110 kV</th>
<th>150 kV</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 ±0.25</td>
<td>≥ 0.5</td>
<td>≥ 0.5</td>
<td>≥ 0.5</td>
<td>≥ 0.5</td>
<td>≥ 0.5</td>
<td>20</td>
</tr>
</tbody>
</table>

Max. Weight in kg/m²

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