Kennametal ceramic powders are non-toxic and exhibit high electrical resistivity and temperature stability. It is oxidation resistant under inert atmospheres of temperatures up to 2200 °C.

Applications
- Cosmetics
- Al-extrusion
- Coatings
- Hot-press grades

CERAMIC POWDER

TECHNICAL DATA

General Properties

Kennametal™ manufactures sophisticated materials in the form of castings, powders, coatings, consumables, and machined parts that resist wear, corrosion, and abrasion.

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Applications

- Cosmetics
- Al-extrusion
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Physical Properties

<table>
<thead>
<tr>
<th>Grade</th>
<th>N (Typical)</th>
<th>B₂O₃ (SOL)</th>
<th>C</th>
<th>Moisture</th>
<th>D90 (μm)</th>
<th>BET (m²/g)</th>
<th>Tap Density (g/cm³)</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>B150</td>
<td>54</td>
<td>&lt;1.5</td>
<td>&lt;0.10</td>
<td>&lt;0.70</td>
<td>10–14</td>
<td>10–20</td>
<td>0.17–0.28</td>
<td>Hot-Press Grade and Coatings</td>
</tr>
<tr>
<td>CB15</td>
<td>55</td>
<td>&lt;0.1</td>
<td>&lt;0.05</td>
<td>&lt;0.30</td>
<td>10–30</td>
<td>2–8</td>
<td>0.23</td>
<td>Cosmetics</td>
</tr>
</tbody>
</table>

NOTE: This data shows typical values and does not represent a specification.

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