• Ceramic beads specifically suited to high performance applications.
• High recyclability, efficient whether used in wheel-blast or air-blast (dry or wet) systems.

TYPICAL CHEMICAL ANALYSIS

<table>
<thead>
<tr>
<th>Component</th>
<th>Content (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZrO₂</td>
<td>60 to 70 %</td>
</tr>
<tr>
<td>SiO₂</td>
<td>28 to 33 %</td>
</tr>
<tr>
<td>Al₂O₃</td>
<td>&lt; 10 %</td>
</tr>
</tbody>
</table>

Chemical analysis carried out by X-Ray fluorescence on melting sample

DESIGNATION AND AVAILABLE SIZES

Size distribution ranges (μm)

<table>
<thead>
<tr>
<th>Size (μm)</th>
<th>150</th>
<th>210</th>
<th>300</th>
<th>425</th>
<th>600</th>
<th>850</th>
<th>1180</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zirshot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Additional customized sizes available)

CRYSTAL STRUCTURE

Zirconia 68 %
Vitreous phase 32 %

Typical values

PHYSICAL PROPERTIES

- Specific gravity: 3.85 g/cm³
- Bulk density: 2.30 kg/l
- Vickers hardness (Equivalent HRC 50 at 65)*: 700 HV1

* Statistical measurement

- White color, almost spherical and smooth surface
- High toughness, but not very aggressive with equipment and tools
- Chemically inert, non contaminating for treated parts
- Low dust production

INDUSTRY STANDARDS

- NF L 06-831
- SAE J 1830
- AMS 2431 et 2431/7
- MIL-S-13165C (cancelled)

Product approved by main aeronautics companies (please consult us).

SPECIFICATION

- DS SP BD 11

SAFETY DATA SHEET

- DS MS BD 11

PACKAGING

25 kg jerican, 50 kg and above palletized