METAREF-95K

Applications

- METAREF-95K is a chemical/ceramic bonded special mortar with alumina content of approximately 95%, which is used at high temperatures, in excess of 1800°C.
- It is used for setting porous plug, slide gate plate and for use in other critical areas.

General characteristics

Chemical composition

Main constituents (%)
Al₂O₃ - 95% min, Fe₂O₃ - 0.1% max.

Physical properties

<table>
<thead>
<tr>
<th>Grain Size</th>
<th>Bulk Density</th>
<th>Setting</th>
<th>Service Temperature</th>
<th>Water Addition</th>
<th>PCE Value</th>
<th>PLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1-0mm 95% must pass through 100 mesh B.S.S</td>
<td>2.8gm/cc</td>
<td>Chemical/ Ceramic Bonding</td>
<td>1800°C-1950°C</td>
<td>20-25%</td>
<td>ORTON 40 min.</td>
<td>At 1550°C/2hrs+ 0.5%</td>
</tr>
</tbody>
</table>

Packaging

METAREF-95K does not contain any additives. METAREF-95K packaging is designed to protect it from moisture. However, it is recommended that METAREF-95K not be placed in direct contact with the ground. When correctly stored, the shelf life of METAREF-95K is at least 6 months. In most cases, its properties are retained for over a year.

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