METAREF-70K

Applications

- METAREF-70K is a chemical/ceramic bonded special mortar with alumina content of approximately 70%, which is used at high temperatures, in excess of 1600°C.
- It is used for fixing well block and nozzle in steel plants.

General characteristics

Chemical composition

Main constituents (%)
Al₂O₃- 70% min, Fe₂O₃- 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 Briquette size 25 X 25 X100 %moisture dried at 110°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1-0.0mm</td>
<td>2.5gm/cc</td>
<td>Chemical/</td>
<td>1600°C-1700°C</td>
<td>20-25%</td>
<td>ORTON 36</td>
<td>At 1500°C/2hrs± 1.5%</td>
</tr>
<tr>
<td>95% must</td>
<td></td>
<td>Ceramic Bonding</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>pass through 100 mesh B.S.S</td>
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</tbody>
</table>

Packaging

METREF-70K does not contain any additives. METAREF-70K packaging is designed to protect it from moisture. However, it is recommended that METAREF-70K not be placed in direct contact with the ground. When correctly stored, the shelf life of METAREF-70K is at least 6 months. In most cases, its properties are retained for over a year.

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