



Product data sheet

Refractory applications –Mortars(Special Mortar)

Reference META07/06

METAREF-90K

Applications

- METAREF-90K is a chemical/ceramic bonded special mortar with alumina content of approximately 90%, which is used at high temperatures, in excess of 1700°C.
- It is used for setting concast nozzle, ladle nozzle and for use in slide gate plate area.

General characteristics

Chemical composition

Main constituents (%)

Al₂O₃- 90% min, Fe₂O₃- 0.5% max.

Physical properties

Grain Size	Bulk Density	Setting	Service Temperature	Water Addition	PCE Value	PLC Briquette size 25 X 25 X100 8% moisture dried at 110°C
0.1-0mm 95% must pass through 100 mesh B.S.S	2.75gm/cc	Chemical/ Ceramic Bonding	1700° C- 1900°C	20-25%	ORTON 38 min.	At 1550°C/2hrs± 1%

Packaging

METAREF-90K does not contain any additives. METAREF-90K packaging is designed to protect it from moisture. However, it is recommended that METAREF-90K not be placed in direct contact with the ground. When correctly stored, the shelf life of METAREF-90K is at least 6 months. In most cases, its properties are retained for over a year.

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