



PURCHASE SPECIFICATION FOR CASTABLE REFRACTORY TYPE—A

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|-----|---|---|------------------|
| 01. | Permanent linear change at 1550° C | : | ±0.60 % Max |
| 02. | Crushing Strength in Kg/Cm ² | | |
| | at 110 °C and cooled to ambient temp. | : | 300 Min |
| | After heated at each of the following temp.
for 3 hours and cooled to ambient temp. | | |
| | at 600°C | : | 200 Min |
| | at 1200°C | : | 210 Min |
| | at 1600°C | : | 275 Min |
| 03. | Service Temperature | : | 1750 °C |
| 04. | Pyrometric Cone Equivelent: | | |
| | Seger cone | : | at 1825°C 37 Min |
| | or Orton Cone | : | at 1820°C 37 Min |
| 05. | Bulk Density after cast and dried at 110°C
and cooled to ambient temp.in Kg/m ³ | : | 2900 Max |
| 06. | Grog Size in mm | : | 5 Max |
| 07. | Chemical Composition: | | |
| | Fe ₂ O ₃ (Ferric Oxide) | : | 5 % Max |
| 08. | Inspection and testing requirements shall be as per IS:10570(Latest) | | |

Marking: The following details are to be legibly written on the bags.
Supplier's Name, Customer Number/Project, Purchase order No./date
Serial No.of Packing, Batch No.,Material name and Net weight in kgs.

Caution Note: "Do not use hooks for lifting"
"Always store under covered shed and on raised platforms"

Paking: The Material shall be packed and sealed in polythene bags and the thickness of polythene bags shall be at least 0.2 mm.Then the sealed bags shall be put inside the polythene lined HDPE or HDPP woven netting bags and sealed by machine stitching.

REV: 03	ALTD:	Caution note added and Packing corrected.	REV: 04	ALTD:		
20.06.13	APPD:			APPD:		
REV: 01	ALTD: A.R.JOTHI	Sl.no. 02 values corrected.	REV: 02	ALTD: A.R.JOTHI	Specification converted as soft copy.	
	APPD: C.G.S			APPD: C.G.S		
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