



**VARSHA**  
REFRACTORIES PVT. LTD.



**REFRACTORY MORTAR**

**PRODUCT:** INSULATING MORTAR  
**TYPE:** INSULATING GROG BASED MORTAR  
**NATURE OF BOND:** CERAMIC

**GENERAL PROPERTIES**

Maximum Service Temperature: 1350 °C  
Sintering Temperature: 1100 °C  
Maximum Grain Size: 1.0 mm  
Water for Trowelling Consistency : 40 – 50 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	18.0 –23.0	20.5	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	1.8 – 2.3	1.95	BIS 12107 Part 6

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
% Retained Above Maximum Size	1 – 5	1.2	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Pyrometric Cone Equivalent, Orton / °C	---	+ 18 / + 1522	BIS 1528 Part 1

**Packaging:** 50 Kg Bags      **Storage Life:** 12 Months      **Delivery State:** Dry

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