



**VARSHA**  
REFRACTORIES PVT. LTD.



**REFRACTORY MORTAR**

**PRODUCT:** MORTAR 60 S  
**TYPE:** 60 % ALUMINA MORTAR (LOW IRON)  
**NATURE OF BOND:** CHEMICAL / CERAMIC

**GENERAL PROPERTIES**

Maximum Service Temperature: 1550 °C  
Sintering Temperature: 1100 °C  
Maximum Grain Size: 1.0 mm  
Water for Trowelling Consistency : 20 – 30 %

**CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	55.0 – 60.0	58.5	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	2.0 – 2.6	2.45	BIS 12107 Part 6

**PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
% Retained Above Maximum Size	1 – 5	0.91	BIS 1528 Part 14

**THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Pyrometric Cone Equivalent, Orton / °C	---	+ 32 / + 1717	BIS 1528 Part 1

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

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