

PREMIER REFRACTORIES OF INDIA PVT. LTD.

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Specification - Ramming Masses

PRODUCT TYPE	PRIL RAM - 84 84% MgO Ramming Mass	PRIL RAM - 95 95% MgO Ramming Mass
Nature of Bond Installation	Chemical Pneumatic Ramming	Chemical Pneumatic Ramming
GENERAL PROPERTIES		
Max Service Temp , °C	1700	1750
Max Grain Size, mm	5	5
Water required for ramming , %	5 - 7	6 - 7
CHEMICAL ANALYSIS		
MgO , % , min	80 - 82	92 - 94
Fe ₂ O ₃ , % , max	1.40 - 1.60	0.50 - 0.60
PHYSICAL PROPERTIES		
Dry Density , g / cc after drying at 110°C / 24 hrs , min	2.50 - 2.65	2.60 - 2.75
CCS, Kg / cm ² , min after drying at 110 °C / 24 hrs , min	375 - 475	330 - 350
after heating at 1550 °C / 3 hrs , min	272 - 350	280 - 300
THERMAL PROPERTIES		
Refractoriness , OC / °C , min	38 / 1835	38 / 1835
PLC , % , max after heating at 1550°C / 3 hrs	± 0.80	± 0.80