



Passary Minerals Ltd.
MINES . MINERAL . REFRACTORY

Low Cement Castable

DESCRIPTION	PAS LCM 50
Base Component	Calcined Mullite Grain
Physical Properties	
Refractoriness °C	33 1741
Maximum Service Temperature °C	1575
Dry Density (gm/cc) after drying at 110 °C	2.35
Cold Crushing Strength (Kg/cm ²) after drying at 110 °C/24 Hrs at 800 °C/3 Hrs at 1100 °C/3 Hr	700 800 900
P. L. C % (max) after heating at 1100 °C min	± 0.2
% Water Required for Casting	5.5 – 6.5
Maximum Grain Size (mm)	0 - 5
Chemical Analysis	
Al ₂ O ₃ (%) Min	50.00
Fe ₂ O ₃ (%) Max	1.2