



**Passary Minerals Ltd.**  
MINES . MINERAL . REFRACTORY

## Low Cement Castable Castable

DESCRIPTION{PRIVATE}	PAS LC 75
Base Component	Calcined Mullite & Fused Alumina Grains
<b>Physical Properties</b>	
Refractoriness °C	37 1820
Maximum Service Temperature °C	1740
<b>Dry Density (gm/cc) after drying at 110 °C</b>	2.75 min
Cold Crushing Strength (Kg/cm <sup>2</sup> ) after drying at 110 °C/24 Hrs, min. at 800 °C/3 Hrs, min. at 1100 °C/3 Hr, min.	800 900 1000
<b>P. L. C % (max) after heating at 1100 °C min</b>	± 0.20 max.
% Water Required for Casting	4.5 – 5.0
Maximum Grain Size (mm)	0 – 5
<b>Chemical Analysis</b>	
Al <sub>2</sub> O <sub>3</sub> (%) Min	75.00
Fe <sub>2</sub> O <sub>3</sub> (%) Max	1.70