



Passary Minerals Ltd.
MINES . MINERAL . REFRACTORY

High Purity Dense Castable

DESCRIPTION	PASHEAT 'A'
Base Component	Brown Sintered Alumina
Physical Properties	
Recommended Service Temp. °C (max)	1750
Refractoriness °C (Min) / Orton (min)	1820 37
Linear Change % in °C / 3hrs (max)	± 1.0 1500
Thermal Conductivity kcal/m/hr/°C at 400 ° CHF	1.12
at 600 ° CHF	1.20
at 800 ° CHF	1.28
Dry Density (gm/cc) after drying at 110 ° C	2.75
Cold Crushing Strength (kg/cm ²) after drying at 110 ° C	600
Reversible Thermal Expansion at 1000 ° C (%)	0.78
Maximum Grain Size (mm)	5
Chemical Analysis	
Al ₂ O ₃ (%) Min	90
Fe ₂ O ₃ (%) Max	1.0