



Passary Minerals Ltd.
MINES . MINERAL . REFRACTORY

High Purity Dense Castable

DESCRIPTION	PASHEAT 'K'
Base Component	Calcined Diaspore
Physical Properties	
Recommended Service Temp. °C (max)	1600
Refractoriness °C (Min) / Orton (min)	1700 32
Linear Change % in °C / 3hrs (max)	± 1.0 1400
Thermal Conductivity kcal/m/hr/°C at 400 ° CHF at 600 ° CHF at 800 ° CHF	0.82 0.84 0.86
Dry Density (gm/cc) after drying at 110 ° C	2.2
Cold Crushing Strength (kg/cm2) after drying at 110 ° C	350
Reversible Thermal Expansion at 1000 ° C (%)	0.58
Maximum Grain Size (mm)	5
Chemical Analysis	
Al ₂ O ₃ (%) Min	60
Fe ₂ O ₃ (%) Max	1.5