



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

## PAS LC 70 SC

<b>DESCRIPTION</b>	<b>PAS LC 70SC</b>
Base Component	Corundum with Silicon Carbide
Refractoriness °C	37 1820
Maximum Service Temperature °C	1750
Dry Density (gm/cc)after drying at 110°C	2.60
Cold Crushing Strength (Kg/Cm <sup>2</sup> ) after drying at 110°C / 24 Hrs at 800°C / 3 Hrs at 1100° C / 3 Hrs	750 850 1000
Modulus of Rupture (Kg /cc <sup>2</sup> ), Min	120
P.L.C % (max) after heating at 1100°C min	± 0.2
% Water Required for Casting	5.0 – 5.5
Maximum Grain Size (mm)	0 - 5
Apparent Porosity (ASTM C20)	16% Max
Panel Spalling Resistance, 1650°C	4.0 Max
Al <sub>2</sub> O <sub>3</sub> (%) Min	50.0
SiC (%)Min	20.0
Fe <sub>2</sub> O <sub>3</sub> (%) Max	1.2