



*TECHNICAL DATA*

**PLC-92**

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	Bauxite & Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1750 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	6 - 7 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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**CHEMICAL ANALYSIS**  
( Calcined basis)

	Min	Max	Units
Al <sub>2</sub> O <sub>3</sub>	92		%
SiO <sub>2</sub>	3		%
Fe <sub>2</sub> O <sub>3</sub>	1.5		%
CaO	3		%

**PHYSICAL PROPERTIES**

Bulk density	Min	Max	Units
	2.8		gr/cm <sup>3</sup>

**Cold crushing strength (c.c.s)**

after 5 hr drying at 110 C°	Min	Max	Units
	700		Kg/cm <sup>2</sup>

after 5 hr firing at 1200 Ċ	<b>Min</b>	<b>600</b>	Kg/cm <sup>2</sup>
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