



## TECHNICAL DATA

### PLC-85ando

PRODUCT TYPE	High alumina dense refractory castable Low cement castable :
Main component	Bauxite & Andalusite & Tabular
Type of bond	hydraulic
Maximum service temperature	1750 C°
Installation method	casting - vibration
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	5.5 - 6.5 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
--------------------	--------	-------

### CHEMICAL ANALYSIS ( Calcined basis)

	Min	Max	Units
Al <sub>2</sub> O <sub>3</sub>	85		%
SiO <sub>2</sub>	11		%
Fe <sub>2</sub> O <sub>3</sub>	1		%
CaO	2.4		%

### PHYSICAL PROPERTIES

Bulk density	Max	2.7	gr/cm <sup>3</sup>
--------------	-----	-----	--------------------

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

after 5 hr drying at 110 C°	Min	800	Kg/cm <sup>2</sup>
after 5 hr firing at 1200 C°	Min	900	Kg/cm <sup>2</sup>