



TECHNICAL DATA

PLC-77ando

PRODUCT TYPE	High alumina dense refractory castable Low cement castable :
Main component	Bauxite & Andalusite
Type of bond	hydraulic
Maximum service temperature	1700 C°
Installation method	casting - vibration
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 ₂ O ₃	77		%
SiO ₂	19		%
Fe ₂ O ₃	1.5		%
CaO	2.4		%

PHYSICAL PROPERTIES

Bulk density	Max	2.6	gr/cm ³
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Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	750	Kg/cm ²
after 5 hr firing at 1200 C°	Min	800	Kg/cm ²