



TECHNICAL DATA

PLC-91sp

PRODUCT TYPE	High alumina dense refractory castable Low cement castable :
Main component	Tabular Alumina & Spinel
Type of bond	hydraulic
Maximum service temperature	1800 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
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CHEMICAL ANALYSIS (Calcined basis)

Al ₂ O ₃	Min	90	%
SiO ₂	Max	2	%
Fe ₂ O ₃	Max	0.5	%
CaO	Max	2	%
Mgo	Min	4	

PHYSICAL PROPERTIES

Bulk density	Max	2.9	gr/cm ³
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Cold crushing strength (c.c.s)

after 5 hr drying at 110 Ċ	Min	800	Kg/cm ²
after 5 hr firing at 1200 Ċ	Min	1000	Kg/cm ²