



TECHNICAL DATA

PLC-90

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	Bauxite & Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1700 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 ₂ O ₃	90		%
SiO ₂	4		%
Fe ₂ O ₃	2		%
CaO	3		%

PHYSICAL PROPERTIES

Bulk density	Min	2.8	gr/cm ³
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Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	700	Kg/cm ²
after 5 hr firing at 1200 C°	Min	750	Kg/cm ²