



TECHNICAL DATA

PLC-97cr

PRODUCT TYPE	High alumina dense refractory castable Low cement castable :
Main component	alumina - chrom
Type of bond	hydraulic
Maximum service temperature	1850 C°
Installation method	casting - vibration
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	4.8 - 5.5 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS (Calcined basis)

Al ₂ O ₃	Min	97	%
SiO ₂	Max	0.5	%
Fe ₂ O ₃	Max	0.1	%
CaO	Max	1.6	%
Cr ₂ O ₃	Min	1.5	

PHYSICAL PROPERTIES

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

after 5 hr drying at 110 C°	Min	800	Kg/cm ²
after 5 hr firing at 1200 C°	Min	1100	Kg/cm ²