



TECHNICAL DATA

PULC-90

PRODUCT TYPE	Dense Refractory Castable Ultra Low cement castable :
Main component	Bauxite & Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1750 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	5 - 6 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	4	%
Fe ₂ O ₃	Max	1.5	%
CaO	Max	1	%

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	450		Kg/cm ²
after 5 hr firing at 1200 C°	Min	850		Kg/cm ²