



TECHNICAL DATA

PRC-97

PRODUCT TYPE	Dense Refractory Castable Regular Cement
Main component	Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1780 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	25 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	7 - 10 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	0.2	%
CaO	Max	2	%

PHYSICAL PROPERTIES

Bulk density	Min	2.8	gr/cm ³
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Cold crushing strength)

after 5 hr drying at 110 Ć	Min	530	Kg/cm ²
after 5 hr firing at 1200 Ć	Min	400	Kg/cm ²