



TECHNICAL DATA

PRC-85

PRODUCT TYPE	Dense Refractory Castable Regular Cement
Main component	Bauxite
Type of bond	hydraulic
Maximum service temperature	1600 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	25 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	9 - 12 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS
(Calcined basis)

Al ₂ O ₃	Min	85	%
SiO ₂	Max	9	%
Fe ₂ O ₃	Max	2.5	%
CaO	Max	5.5	%

PHYSICAL PROPERTIES

Bulk density	Min	2.5	gr/cm ³
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Cold crushing strength)

after 5 hr drying at 110 Ć	Min	470	Kg/cm ²
after 5 hr firing at 1200 Ć	Min	300	Kg/cm ²