



PALAR-SANAT-CO

TECHNICAL DATA

PLC-92

PRODUCT TYPE	Dense Refractory Castable 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	6 - 7 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS (Calcined basis)

Al ₂ O ₃	Min	92	%
SiO ₂	Max	3	%
Fe ₂ O ₃	Max	1.5	%
CaO	Max	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 Ć	Min	700	Kg/cm ²
after 5 hr firing at 1200 Ć	Min	600	Kg/cm ²

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