



PALAR-SANAT-CO

TECHNICAL DATA

PLC-98

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1850 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	4 - 6 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS (Calcined basis)

	Min	Max	Units
Al ₂ O ₃	98.5		%
SiO ₂	0.1		%
Fe ₂ O ₃	0.1		%
CaO	1.3		%

PHYSICAL PROPERTIES

Bulk density	Min	Max	Units
	3.2		gr/cm ³

Cold crushing strength (c.c.s)

	Min	Max	Units
after 5 hr drying at 110 C°	850		Kg/cm ²
after 5 hr firing at 1200 C°	700		Kg/cm ²