



PALAR-SANAT-CO

TECHNICAL DATA

PLC-85

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	Bauxite
Type of bond	hydraulic
Maximum service temperature	1650 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
--------------------	--------	-------

CHEMICAL ANALYSIS (Calcined basis)

	Min	Max	Units
Al ₂ O ₃	85		%
SiO ₂	6		%
Fe ₂ O ₃	2.8		%
CaO	3.5		%

PHYSICAL PROPERTIES

Bulk density	Min	Max	Units
	2.6		gr/cm ³

Cold crushing strength (c.c.s)

	Min	Max	Units
after 5 hr drying at 110 C°	650		Kg/cm ²
after 5 hr firing at 1200 C°	550		Kg/cm ²