



# PALAR-SANAT-CO

## TECHNICAL DATA

### PLC-90

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	Bauxite & Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1700 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)

	Min	Max	Units
Al <sub>2</sub> O <sub>3</sub>	90		%
SiO <sub>2</sub>	4		%
Fe <sub>2</sub> O <sub>3</sub>	2		%
CaO	3		%

### PHYSICAL PROPERTIES

Bulk density	Min	Max	Units
	2.8		gr/cm <sup>3</sup>

### Cold crushing strength (c.c.s)

	Min	Max	Units
after 5 hr drying at 110 C°	700		Kg/cm <sup>2</sup>
after 5 hr firing at 1200 C°	600		Kg/cm <sup>2</sup>