



# PALAR-SANAT-CO

## TECHNICAL DATA

### PLC-85cr

PRODUCT TYPE	High alumina dense refractory castable Low cement castable :
Main component	Bauxite & Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1720 C°
Installation method	casting - vibration
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 <sub>2</sub> O <sub>3</sub>	Min	84	%
SiO <sub>2</sub>	Max	6	%
Fe <sub>2</sub> O <sub>3</sub>	Max	1.7	%
CaO	Max	1.8	%
Cr <sub>2</sub> O <sub>3</sub>	Min	1	

### PHYSICAL PROPERTIES

Bulk density	Max	2.7	gr/cm <sup>3</sup>
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### Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	750	Kg/cm <sup>2</sup>
after 5 hr firing at 1200 C°	Min	850	Kg/cm <sup>2</sup>