



PALAR-SANAT-CO

TECHNICAL DATA

PLC-80

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	fireclay & Bauxite
Type of bond	hydraulic
Maximum service temperature	1600 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	80	%
SiO ₂	Max	11	%
Fe ₂ O ₃	Max	2.8	%
CaO	Max	3.5	%

PHYSICAL PROPERTIES

Bulk density	Min	2.4	gr/cm ³
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Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	600	Kg/cm ²
after 5 hr firing at 1200 C°	Min	700	Kg/cm ²