



PALAR-SANAT-CO

TECHNICAL DATA

PLW-35

PRODUCT TYPE	Insulating Refractory Castable Regular Cement
Main component	light weight
Type of bond	hydraulic
Maximum service temperature	1100 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	13 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	30 - 32 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
--------------------	--------	-------

CHEMICAL ANALYSIS (Calcined basis)

	Min	Max	Units
Al ₂ O ₃	35		%
SiO ₂	38		%
Fe ₂ O ₃	7		%
CaO	15		%

PHYSICAL PROPERTIES

Bulk density	Max	1.4	gr/cm ³
--------------	-----	-----	--------------------

Cold crushing strength (c.c.s)

	Min	Max	Units
after 5 hr drying at 110 C°	50		Kg/cm ²
after 5 hr firing at 1000 C°	30		Kg/cm ²