



PALAR-SANAT-CO

TECHNICAL DATA

PLW-30LI

PRODUCT TYPE	Insulating Refractory Castable Regular Cement
Main component	light weight - low iron fireclay
Type of bond	hydraulic
Maximum service temperature	1100 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	11 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	28 - 30 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS (Calcined basis)

	Min	Max	Units
Al ₂ O ₃	30		%
SiO ₂	42		%
Fe ₂ O ₃	2.5		%
CaO	12		%

PHYSICAL PROPERTIES

Bulk density	Max	1	gr/cm ³
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Cold crushing strength (c.c.s)

	Min	Max	Units
after 5 hr drying at 110 C°	40		Kg/cm ²
after 5 hr firing at 1000 C°	30		Kg/cm ²