



*TECHNICAL DATA*

**PULC-70**

PRODUCT TYPE	Dense Refractory Castable Ultra Low cement castable :
Main component	fireclay & Bauxite
Type of bond	hydraulic
Maximum service temperature	1650 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	5.5 - 6.5 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	70	%
SiO <sub>2</sub>	Max	11	%
Fe <sub>2</sub> O <sub>3</sub>	Max	2.8	%
CaO	Max	1.1	%

**PHYSICAL PROPERTIES**

Bulk density	Min	2.6	gr/cm <sup>3</sup>
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**Cold crushing strength (c.c.s)**

after 5 hr drying at 110 C°	Min	400	Kg/cm <sup>2</sup>
after 5 hr firing at 1200 C°	Min	750	Kg/cm <sup>2</sup>