



*TECHNICAL DATA*

**PULC-94**

PRODUCT TYPE	Dense Refractory Castable Ultra Low cement castable :
Main component	Tabular Alumina
Type of bond	hydraulic
Maximum service temperature	1800 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	4.5 - 5.5 litres per 100 Kg of dry material

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

**CHEMICAL ANALYSIS**  
( Calcined basis)

Al <sub>2</sub> O <sub>3</sub>	Min	94	%
SiO <sub>2</sub>	Max	3	%
Fe <sub>2</sub> O <sub>3</sub>	Max	1	%
CaO	Max	0.7	%

**PHYSICAL PROPERTIES**

Bulk density	Min	2.9	gr/cm <sup>3</sup>
--------------	-----	-----	--------------------

**Cold crushing strength (c.c.s)**

after 5 hr drying at 110 Ċ	<b>Min</b>	<b>500</b>	Kg/cm <sup>2</sup>
after 5 hr firing at 1200 Ċ	<b>Min</b>	<b>850</b>	Kg/cm <sup>2</sup>

p.o.box : 81395-519    ISFAHAN-IRAN    Tel/Fax : (+98311)-6614006 - 6615258 - 6641292  
[www.palarsanat.com](http://www.palarsanat.com)    [Email:info@palarsanat.com](mailto:info@palarsanat.com)