

TECHNICAL DATA

P-CAST-A90

Conventional Castable جرم ریختنی آلومینایی ۹۰% آلومینا

Type of Material Dense Refractory Concrete

Raw Material Basis Bauxite and Tabular Alumina

Physical Properties

Bonding System	Granulation	Maximum Temp. of Application	Bulk Density
Hydraulic	0 - 8 mm	1750 'C	2.7 - 2.8 gr/Cm3

Temperature	C.C.S.
110 'C	Min. 500 Kg/Cm2
800 'C	Min. 400 Kg/Cm2
1100 'C	Min. 250 Kg/Cm2

Chemical Analysis (%)

Al ₂ O ₃	MgO	CaO	Fe ₂ O ₃	TiO ₂	SiO ₂	SiC	Cr ₂ O ₃	ZrO ₂	Alkalies	C	L.O.I.
89 - 91	Max. 0.4	3 - 4.5	Max. 1	Max. 1.5	Max. 5	----	----	----	----	----	----

Condition as Delivered 25 Kg Bags, Dry for addition of water

Shelf Life 6 Months (dry, cool, frost free place)

Installation Method Casting / Vibrating

All data listed are reference values subject to production related tolerances. Although reasonable care has been taken in the preparation of the information contained herein, it still remains the duty of the user to prove the suitability of this material for his applications.