

SPECIFICATION OF TABCAST 97% ALUMINA DENSE CASTABLE

SL.NO	Physical Properties	Specification
1	Max service temperature $^{\circ}\text{C}$	1850 $^{\circ}\text{C}$
2	Refractoriness $\text{Orton} / ^{\circ}\text{C}$ PLC, % after heating @ 1550 $^{\circ}\text{C}$ / 3 hrs	+ 38 / + 1835 + 1.02
3	Max Grain Siz	5MM
4	Density gms / cc (BD) after drying @ 110 $^{\circ}\text{C}$ / 24 HRS	2.83
5	C.C.S kgs / cm^2	
	i) After drying @ 110 $^{\circ}\text{C}$ / 24 HRS	492
	ii) After heating @ 1110 $^{\circ}\text{C}$ / 3 HRS	351
	iii) After heating @ 1550 $^{\circ}\text{C}$ / 3 HRS	457
6	Chemical Properties	
i	Al_2O_3 %	95.9
ii	CaO %	3.22
iii	Fe_2O_3 %	0.14
7	Water required for Casting	8.5-9.5%

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Sr. Mgr/ Ins. Prod. Mfg/ Kilns Glz & Ldg

एत. मोहन कुमार
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