

Date : 28.09.2015

Sl.No.	Physical Parameters	Specification	Remarks
1	Particle Size (mm)	0 - 300	-
2	Physical Colour	White / Off-White / Light Grey	-
3	Moisture (%)	Max. 3.00	-
4	Acid Test in 20 % HCl	No Effervescence	-
5	Sample Firing Temperature/Cycle time	1220°C, 60 mins Cycle in Lab Roller Kiln	-
6	Fired M.O.R (kg/cm2)	Min. 80	-
7	Fired Shrinkage (%)	Max. 10.00	-
8	Fired Colour	White / Off-White	-
9	Water Absorption (%)	Max. 20.00	-
10	Fired Bulk Density (gm/cc)	1.6 - 2.4	-
11	L,a,b Values	L : Min. 85, a : Max. 1.5, b : Max. 7.0	-

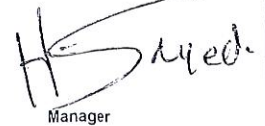
Sl.No.	Chemical Parameters	Specification	Remarks
1	Silica as SiO ₂ (%)	60.00 to 80.00	-
2	Alumina as Al ₂ O ₃ (%)	12.00 to 25.00	-
3	Iron as Fe ₂ O ₃ (%)	Max. 1.00	-
4	Calcium as CaO (%)	Max. 1.50	-
5	Magnesium as MgO (%)	Max. 1.00	-
6	Sodium as Na ₂ O (%)	Max. 1.00	-
7	Potassium as K ₂ O (%)	Max. 3.00	-
8	Titanium as TiO ₂ (%)	Max. 1.50	-
9	Loss on Ignition @ 1000°C (%)	Max. 12.00	-


Plant Manager

Porcellan Co. L.L.C.


Quality Manager

Porcellan Co. L.L.C.


Manager

JAG Technical Centre

