

Washed Indian China Clay/ Kaolin Clay (In Lumps/ Powder form)

Parameters	DSP BODY	DSP SS	DSP-A	DSP-B	DSP -C
Loss on Ignition	10.55	13.65	13.58	13.28	13.230
Silica as SiO ₂	57.24	45.81	47.64	47.83	47.10
Iron as Fe ₂ O ₃	0.82	0.58	0.54	0.28	0.27
Alimina as Al ₂ O ₃	28.29	36.95	36.28	36.90	36.98
Potash as K ₂ O	0.31	0.12	0.12	0.080	0.240
Soda as Na ₂ O	0.20	0.28	0.09	0.110	0.32
Calcium Oxide as CaO	0.28	0.29	0.26	Trace	0.29
Magnesium Oxide as MgO	0.41	0.38	0.41	0.40	0.62
Titanium as TiO ₂	1.63	1.62	0.43	0.30	0.50
Whiteness	72.41	84	88	91.1	92
After Firing at 1200 degree (Whiteness)	88.02	90.5	92.4	93.60	94.50
a-Value	1.64	1.32	0.87	0.74	0.55
b-Value	5.42	5.11	4.06	3.63	3.52
Firing Colour	CREAMISH	CREAMISH	White	White	White
Shrinkage	3.72	5.54	5.54	4.32	5.52
Fired Temperature °C	1200	1200	1200	1200	1220
Residue on 300#	0.54	0.21	0.38	0.50	0.04
Water Of Plasticity	32.2	36.4	36.00	37.5	38.12
Water Absorption	18.53	21.22	18.16	16.40	23.36
Dry M.O.R Kg/cm ²	23.5	Lamination	Lamination	12.53	Lamination
Fired M.O.R Kg/cm ²	112.2	52.2	40.3	92.60	65.20