

Ball Clays for sanitary ware:

Chemical characteristics for dry product	BW-Granitic	BW-Ceramic	BW-0	BW-1
Al ₂ O ₃ , %	26,50+/-0,5	22,00+/-0,5	31,50+/-0,5	30,00+/-1
Fe ₂ O ₃ , %	0,90+/-0,15	1,10+/-0,15	1,00+/-0,1	1,30+/-0,1
TiO ₂ , %	1,40+/-0,2	1,50+/-0,2	1,50+/-0,1	1,50+/-0,1
SiO ₂ , %	60,00+/-2,0	68,00+/-2,0	58,00+/-2,0	59,00+/-2,0
CaO, % average	0,30	0,30	0,50	0,50
MgO, % average	0,50	0,35	0,50	0,50
Na ₂ O, % average	0,15	0,15	0,45	0,45
K ₂ O, % average	1,90	1,90	2,10	2,10
LOI, % average	7,60	6,30	9,80	9,60
Shrinkage, % max	12,50	11,11	15,50	14,80
Dry Resistance, (kg/cm ²)	45,00	38,00	55,00	50,00
Water Absorbtion, %	0,50+/-0,2	1,25+/-0,25	0,20+/-0,2	0,30+/-0,2

Color after firing at 1200°(average results)

L	80,75	78,38	84,17	82,05
A	3,05	4,11	3,00	3,07
B	16,18	17,90	12,40	14,56
Residue on sieve 0.063, average	1,00	2,50	0,30	0,40
General application	All types of tiles	All types of tiles	Insulators, All types of tiles	Insulators, All types of tiles