

Raw Materials for Sanitary ware

Code	AC - 50	AC - 35
	Ball Clay	
	Chemical Analysis	
SiO ₂	65 - 67	66 -68
Al ₂ O ₃	19 – 21	19 – 21
Fe ₂ O ₃	< 2	< 1.8
TiO ₂	< 1	< 1
CaO	< 0.5	< 0.5
MgO	< 0.5	< 0.5
K ₂ O	1.5 – 2.5	1.5 – 2.5
Na ₂ O	< 1	< 1
SO ₃	< 0.8	< 0.8
L.O.I	6 ± 1	6 ± 1
	Physical Properties at Firing at 1190°C	
Dry strength (Kg/cm ²)	38 - 42	28 - 35
% Dry shrinkage	4. 69	4. 84
% Firing shrinkage	10.23	10.76
Firing strength (Kg/cm ²)	644	780
Water absorption	1.1	0.05
Firing Color	Dark cream	Cream
Mine location	Tabas/Robat khan	
Sizing	0-30 mm / 0-10 mm / Powder	
Packing	Bulk /Big Bag	
* Samples are tested under company laboratory condition		

