

Raw Material for Ceramic Tiles

Code	ARK-50
	Ball Clay
	Chemical Analysis
SiO₂	69
Al₂O₃	16 - 18
Fe₂O₃	<0.8
TiO₂	<1.5
CaO	<0.5
MgO	<0.5
K₂O	2.5
Na₂O	0.8 - 1
L.O.I	5 - 6
Physical Properties	
Green Strength(Kg/cm²)	8
Dry Strength(Kg/cm²)	25 - 30
	Firing at 1200°C/55 min
% Firing shrinkage	5.5
Water absorption	6
Firing strength (Kg/cm²)	> 450
Mine location	Tabas /Robotkhan
Packing	Bulk/Big bag
Sizing	< 30 mm / < 10 mm

