



MATERIAL– SEMI PLASTIC BALL CLAY
GRADE – CLAY 999

TECHNICAL DATA SHEET

PHYSICAL ANALYSIS	
LOSS ON IGNITION %	9.31
DRY M.O.R (kg/cm2)	22.4
FIRE M.O.R (kg/cm2)	168.3
WATER ABSORPTION %	11.73
WATER OF PLASTICITY	32
T.D.S	190
RESIDUE 300# % 3MIN GRINDING	0.15
TEMPERATURE	1210/1215

CHEMICAL ANALYSIS	
SiO2	60.42
Al2O3	26.18
Fe2O3	1.05
TiO2	1.46
CaO	0.26
MgO	0.32
Na2O	0.36
K2O	0.29
LOSS ON IGNITION %	9.59

INDIVIDUAL L*a*b	
L*	86.1
a*	1.11
b*	8.49
SHRINKAGE%	3.52

***There could be +-2% variation in actual sample compare to shown data**

- * Physical properties could vary by different temperatures/Kiln
- * Product will be available in Lumps form
- * Moisture content will be maximum 10%