



MATERIAL – BALL CLAY
GRADE – EC-RG1

TECHNICAL DATA SHEET

PHYSICAL ANALYSIS	
LOSS ON IGNITION %	10.27
DRY M.O.R (kg/cm2)	28.40
FIRE M.O.R (kg/cm2)	319.9
WATER ABSORPTION %	1.78
WATER OF PLASTICITY	36.8
T.D.S	540
RESIDUE 300# 3 MIN GRINDING	0.26
TEMPERATURE	1195/1200

CHEMICAL ANALYSIS	
SiO ₂	54.69
Al ₂ O ₃	28.56
Fe ₂ O ₃	1.54
TiO ₂	2.45
CaO	0.28
MgO	0.32
Na ₂ O	0.62
K ₂ O	0.83
LOSS ON IGNITION %	10.31

INDIVIDUAL L*a*b	
L*	72.29
a*	1.82
b*	16.71
SHRINKAGE %	13.24

- * 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