



MATERIAL - KAOLIN CLAY
GRADE - K-20

TECHNICAL DATA SHEET

PHYSICAL ANALYSIS	
LOSS ON IGNITION %	12.44
DRY M.O.R (kg/cm2)	LAMINATION
FIRE M.O.R (kg/cm2)	71.42
WATER ABSORPTION %	18.10
WATER OF PLASTICITY	34.60
T.D.S	240
RESIDUE 300 # %	1.18
TEMPERATURE	1200/1215

CHEMICAL ANALYSIS	
SiO2	49.45
Al2O3	35.52
Fe2O3	0.37
TiO2	1.10
CaO	0.28
MgO	0.29
Na2O	0.09
K2O	0.15
LOSS ON IGNITION %	12.78

INDIVIDUAL L*a*b	
L*	94.40
a*	0.28
b*	4.20
SHRINKAGE %	4.10

WITH FELDSPAR(L*84) L*a*b	
L*	84.70
a*	0.21
b*	7.48
SHRINKAGE %	9.70

- * 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