



MATERIAL - KAOLIN CLAY
GRADE - K-24

TECHNICAL DATA SHEET

PHYSICAL ANALYSIS	
LOSS ON IGNITION %	13.40
DRY M.O.R (kg/cm2)	LAMINATION
FIRED M.O.R (kg/cm2)	58.40
WATER ABSORPTION %	20.10
WATER OT PLASTICITY	35.5
T.D.S	260
RESIDUE 300 # %	0.09
TEMPERATURE	1200/1215

CHEMICAL ANALYSIS	
SiO2	48.71
Al2O3	36.44
Fe2O3	0.24
TiO2	0.80
CaO	0.26
MgO	0.24
Na2O	0.07
K2O	0.20
LOSS ON IGNITION %	13.05

INDIVIDUAL L*a*b	
L*	96.33
a*	0.09
b*	3.25
SHRINKAGE %	4.70

WITH FELDSPAR(L*84) L*a*b	
L*	88.81
a*	0.10
b*	6.60
SHRINKAGE %	9.40

- * 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