



# BBC MINES AND MINERALS

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## BM21 Clay

Physical Properties	
Shrinkage%	10.84
Loss on Ignition%	13.72
Dry M.O.R kg/cm <sup>2</sup>	25.5
Fired M.O.R kg/cm <sup>2</sup>	169.7
Water of Plasticity%	34
T.D.S	570
L*	86.41
a*	1.34
b*	11
Whiteness	66.53
Chemical Properties	
SiO <sub>2</sub> %	47.20
Al <sub>2</sub> O <sub>3</sub> %	35.40
Fe <sub>2</sub> O <sub>3</sub> %	0.10
TiO <sub>2</sub> %	0.35
CaO%	0.25
MgO%	0.05
K <sub>2</sub> O%	1.20
Na <sub>2</sub> O%	1.38

## Mix Properties

L*	75.84
a*	0.83
b*	7.72

