



BBC MINES AND MINERALS

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JKM Clay

| Physical Properties | |
|----------------------------------|-------|
| Shrinkage% | 5.44 |
| Loss on Ignition% | 9.56 |
| Dry M.O.R kg/cm ² | 24.5 |
| Fired M.O.R kg/cm ² | 278.3 |
| Water of Plasticity% | 28.8 |
| T.D.S | 570 |
| L* | 84.35 |
| a* | 1.67 |
| b* | 11.88 |
| Whiteness | 64.53 |
| Chemical Properties | |
| SiO ₂ % | 60.65 |
| Al ₂ O ₃ % | 24.83 |
| Fe ₂ O ₃ % | 1.07 |
| TiO ₂ % | 1.04 |
| CaO% | 0.28 |
| MgO% | 0.66 |
| K ₂ O% | 1.15 |
| Na ₂ O% | 0.31 |

Mix Properties

| | |
|----|-------|
| L* | 73.35 |
| a* | 0.80 |
| b* | 7.60 |

