



SPECIFICATIONS FOR RAW MATERIALS

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BIKANER CLAY

1. General : This Specification governs the requirements of Bikaner Clay.
2. Application : To serve as one of the constituents in the manufacture of Ceralin.
3. Particle Size : Particle Size
above 10 μm : 9 ± 4 %
4. Residue over 45 μm sieve : Maximum 1.5 %
5. % Water absorption : Less than 0.5 %
6. Green Strength (kgs/Cm²): Minimum 50.0
7. Viscosity : ≥ 27 Poise
8. Freedom from Defects : The clay shall be free from foreign materials such as sand and red ochre.
9. Chemical Composition :
 - a) SiO₂ 57.5 ± 3.5 %
 - b) Al₂O₃ 28.5 ± 2.5 %
 - c) Fe₂O₃ Less than 2.0 %
 - d) L.O.I..... 11.0 ± 2.0 %

PREPARED BY

P.V. Satyasandha

P.V.SATYASANDHA

SR.ENGINEER / CERAMIC LABORATORY

APPROVED BY

S.K. Biswas

S.K.BISWAS

HEAD / SH & CERAMIC LABORATORY