

CHAPTER 6

FURTHER WORKS

1. Rheological properties of RHA-S/WS, added deflocculant, particle size of solids and other additives are to be studied in detail for the production in pilot scale.
2. In this research, % linear firing shrinkage is too high. Body preparation including raw material properties and slip ingredients are to adjust to improve the shrinkage.
3. Microstructural investigation on the particle size of the precursors that will be affect growth of mullite grains.
4. Extend the experiment to the composition that gives stoichiometric mullite (26% RHA-S and 74% WS_320) to see whether the properties are optimized.

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