MANUFACTURING LINE, PROCESS, AND SINTERED ARTICLE

ABSTRACT

A manufacturing line includes a tape of green material that is directed through a furnace so that the furnace burns off organic binder material and then partially sinters the tape without the use of a setter board. Sintered articles resulting from the manufacturing line may be thin with relatively large surface areas; and, while substantially unpolished, have few sintering-induced surface defects. Tension may be applied to the partially sintered tape as it passes through a second furnace on the manufacturing line to shape resulting sintered articles.

[No suitable figure]