

blocks. However, with broadening applicable fields of pitch matrix by extraction with a strong solvent to

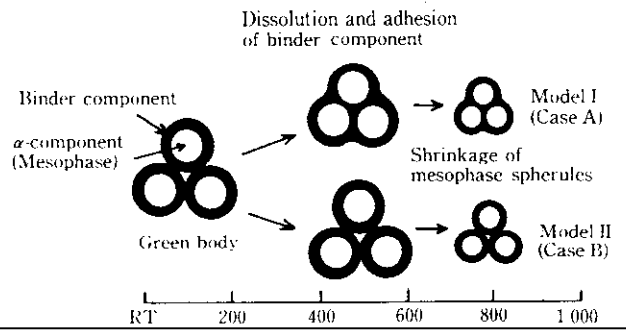
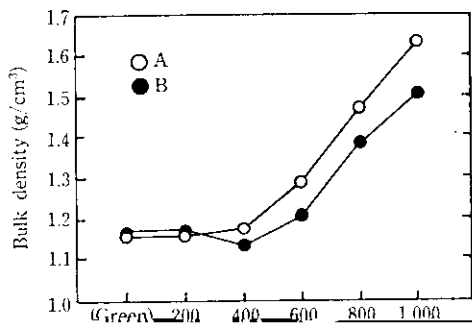
graphite blocks brought by the advances in manufactur-

itches such as quinoline can be directly transformed

ules are applied as raw materials for making graphite blocks.

KMFC powder (wt.%)

Design and calculation quantities of the graphite blocks



Temperature (°C)

Temperature (°C)

Fig. 7 Sintering model of KMFC

compact during sintering process

inferred as follows: The high densification and strength of sintered KMFC body result from adhesion be

Physical property values of KMFC graphite blocks, which are graphitized at about 2500°C, are shown in **Table 2**. Results indicate that KMFC graphite blocks

5.3 Relationship between Graphitizing Temperature and Physical Properties

EX-111

Work piece	Steel (SK3)
Electrode polarity	Positive
Servo voltage	0V
Gap adjustment	GAP (0)

filtration, ③ drying and calcination, and ④ classification. The main features of this process lie in the solvent-extraction and filtration step for coating the