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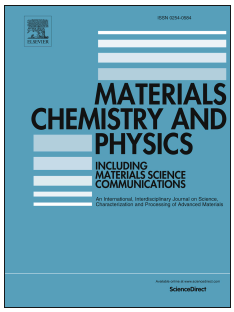

Synthesis and ceramic conversion of novel silazane modified phenol formaldehyde resin

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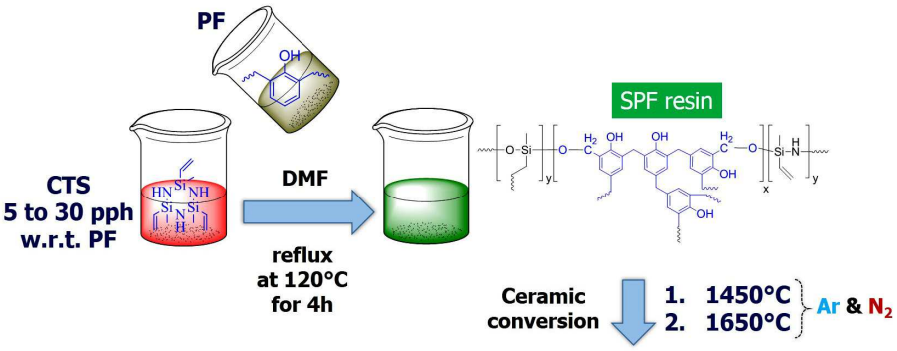
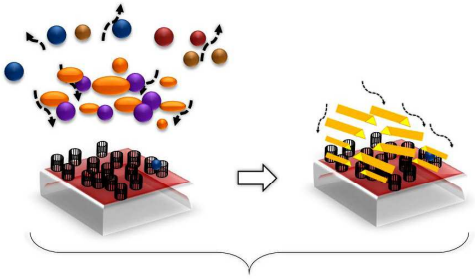
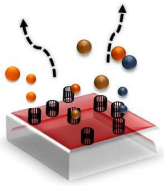


Under Ar atm. at 1450°C & 1650°C



Macro porous SiOC ceramics & 1D Nano-rods SiC ceramics were obtained

Under N_2 atm. at 1450°C & 1650°C



Macro porous Si_3N_4/SiC ceramics were obtained