

# Accepted Manuscript

Synthesis and ceramic conversion of novel silazane modified phenol formaldehyde resin

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PII: S0254-0584(18)30194-9

DOI: [10.1016/j.matchemphys.2018.03.031](https://doi.org/10.1016/j.matchemphys.2018.03.031)

Reference: MAC 20434

To appear in: *Materials Chemistry and Physics*

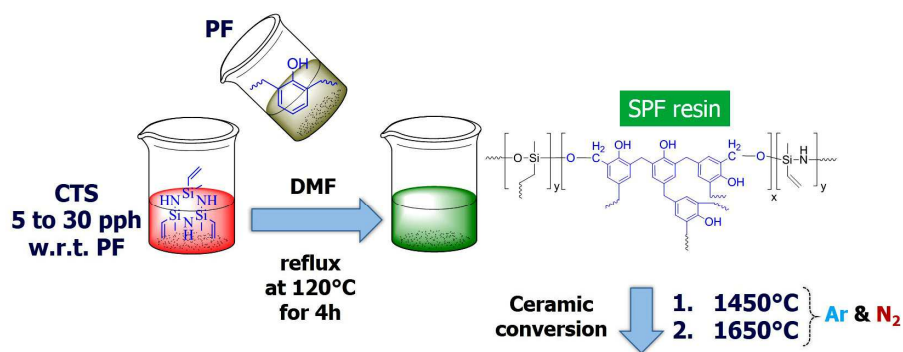
Received Date: 15 October 2017

Revised Date: 8 March 2018

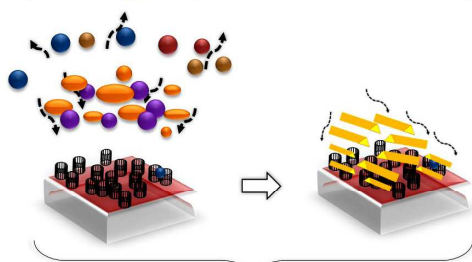
Accepted Date: 11 March 2018

Please cite this article as: T. Ganesh Babu, S. Bhuvanewari, R. Devasia, Synthesis and ceramic conversion of novel silazane modified phenol formaldehyde resin, *Materials Chemistry and Physics* (2018), doi: 10.1016/j.matchemphys.2018.03.031.

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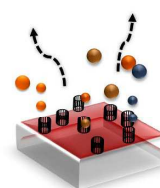


Under Ar atm. at 1450°C & 1650°C



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

Under N<sub>2</sub> atm. at 1450°C & 1650°C



Macro porous Si<sub>3</sub>N<sub>4</sub>/SiC  
 ceramics were obtained

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