

Supporting Information

Constructing reduced graphene oxide/boron nitride frameworks in melamine foam towards phase change materials applied in thermal management of microelectronic devices

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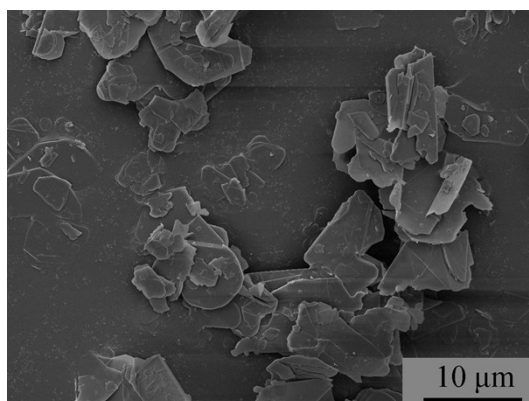


Figure S1. SEM image of the pristine BN as obtained .

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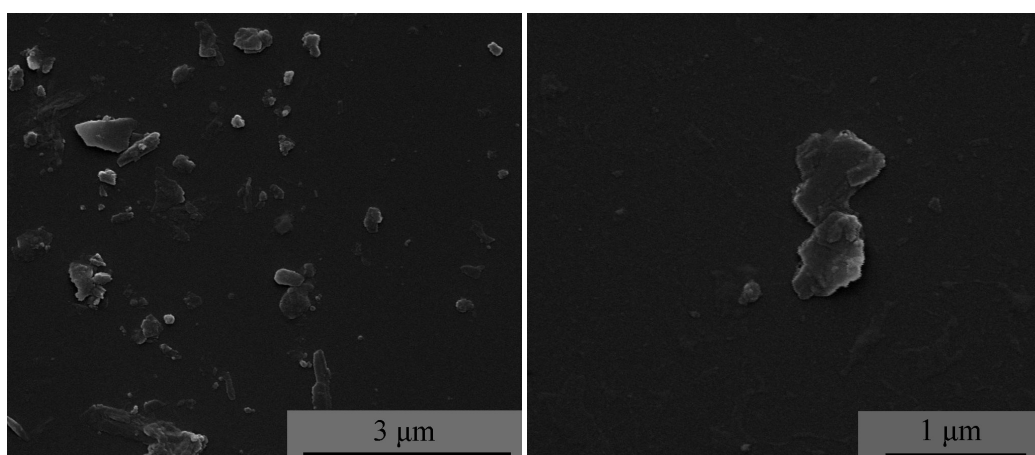


Figure S2. SEM images of GO as prepared. Images were obtained at different magnifications as indicated.

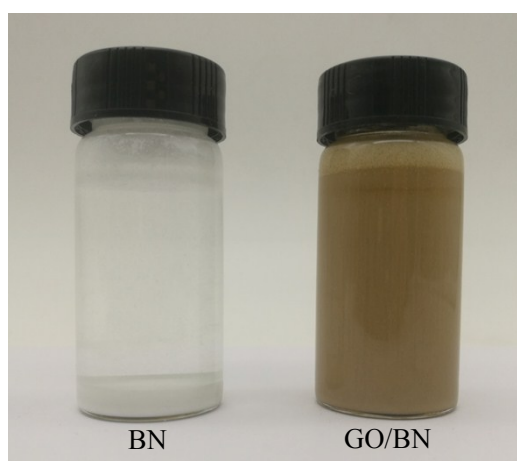


Figure S3. Dispersion states of BN and GO/BN in BN/H₂O solution (18 mg/mL) and GO/BN/H₂O solution (3/18 mg/mL) after being statically placed for 1 month.

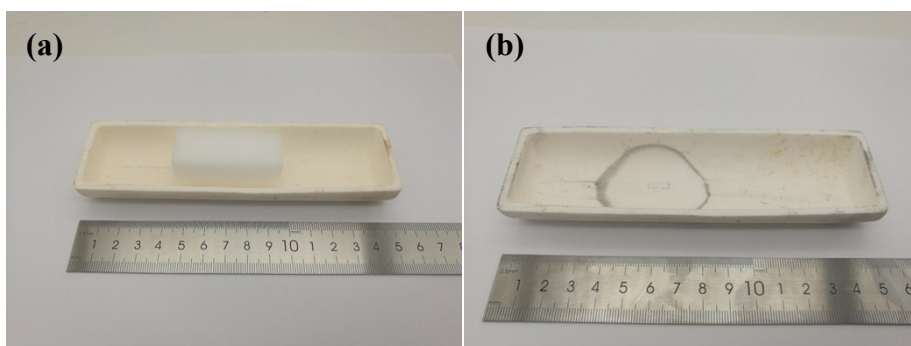


Figure S4. Photos showing the appearance change of MF before (a) and after (b) being carbonized at 800 °C for 3 h.

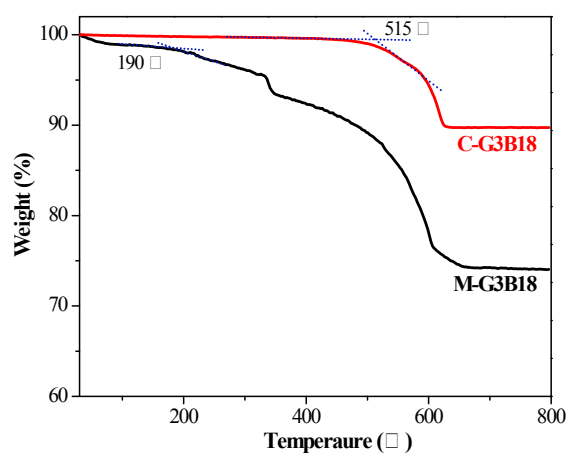


Figure S5. TGA curves of the representative M-G3B18 and C-G3B18 samples.

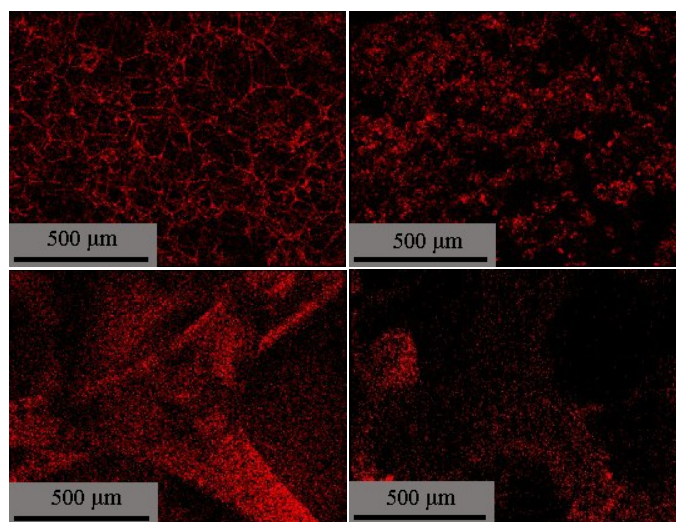


Figure S6. EDS analysis of N mapping of (a, c) M-G0.5B1 and (b, d) C-G0.5B1.