

Supporting Information

Novel rGO/ α -Fe₂O₃ Composite Hydrogel: Synthesis, Characterization and High Performance of Electromagnetic Wave Absorption

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Supporting Figures

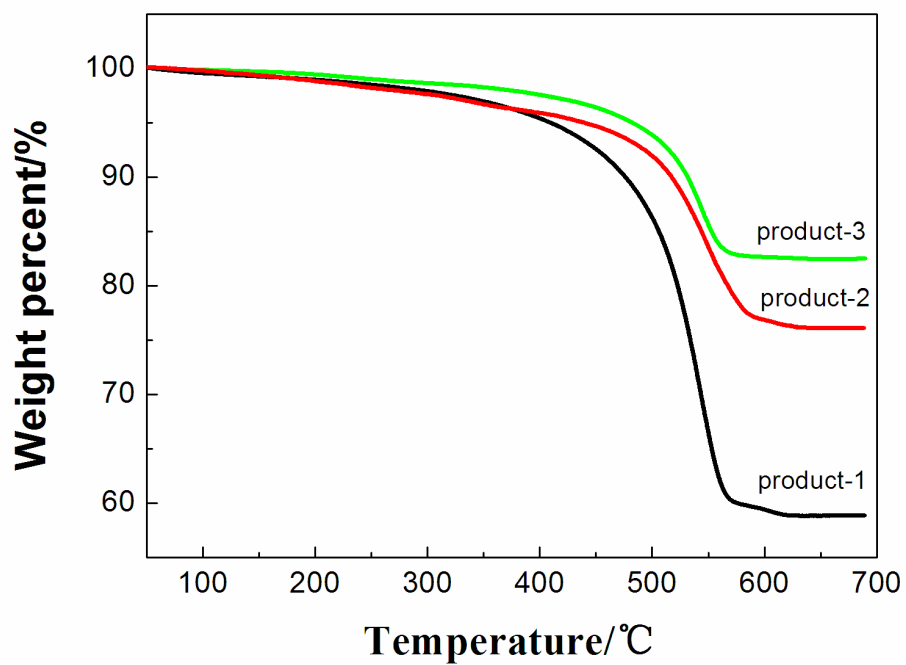


Fig.S1 TG analyses of product-1 to product-3 measured from 50 to 700 °C at a heating rate of 10 °C min⁻¹ in air

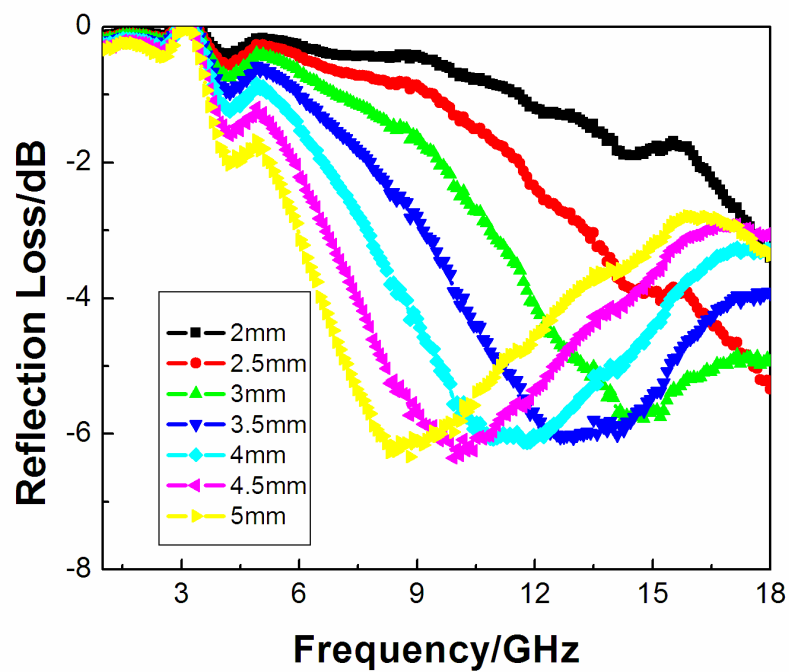


Fig.S2 Reflection loss curves for the 2D rGO/ α -Fe₂O₃ composite with different thickness in the frequency range of 1-18 GHz (the weight ratio of the raw material as GO to Fe₃O₄ nanoparticles is 4:5)