

Supramolecular graphene oxide-alkylamine hybrid materials: variation of dispersibility and improvement of thermal stability

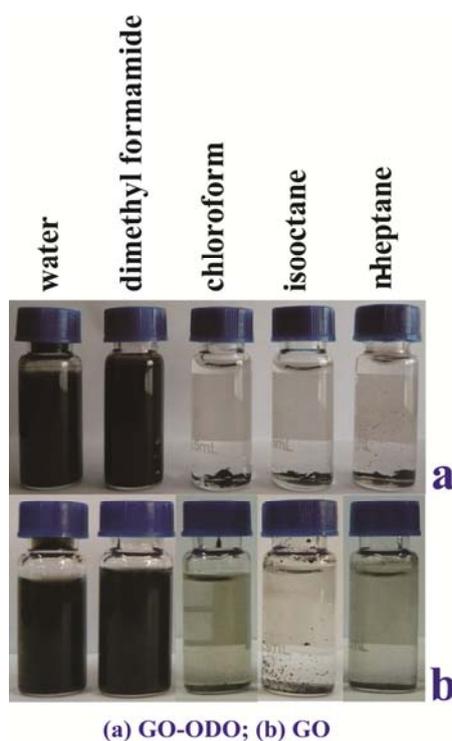
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Received (in XXX, XXX) Xth XXXXXXXXX 20XX, Accepted Xth XXXXXXXXX 20XX

DOI: 10.1039/b000000x

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(a) GO-ODO; (b) GO

Fig. S1 Photographs of so-called GO-ODO (a) and GO (b) dispersed in water and 4 organic solvents through bath ultrasonication (about 1 h)

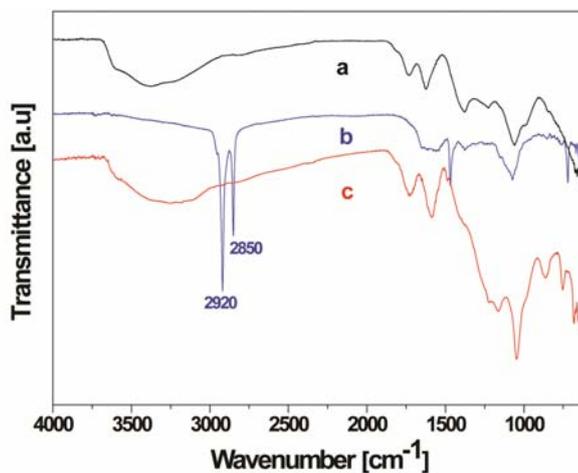


Fig. S2 FT-IR spectra of GO-ODO (a), GO-ODA (b), GO (c).

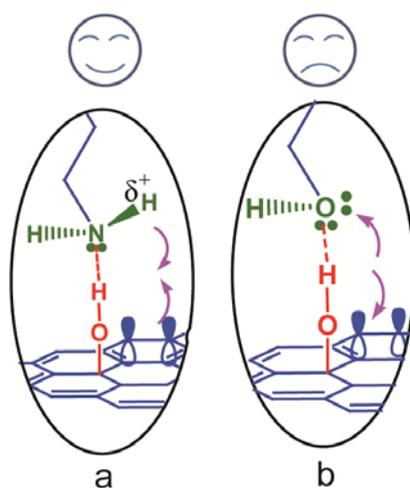


Fig. S3 Preliminary analysis of the interactions between the organic molecules and GO.

GO-alkylamine (a); GO-ODO (b).

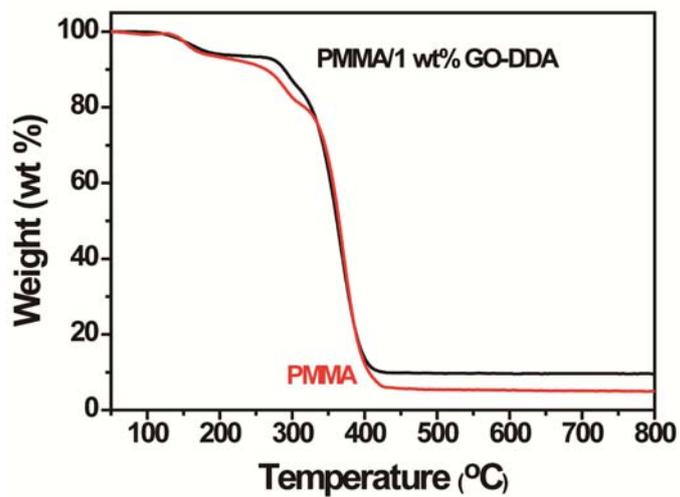


Fig. S4 TGA curves of PMMA and PMMA/1 wt % GO-DDA composite materials.