

Electronic Supplementary Information

Functionalized graphene oxide for fire safety applications of polymers: a combination of condensed phase flame retardant strategies

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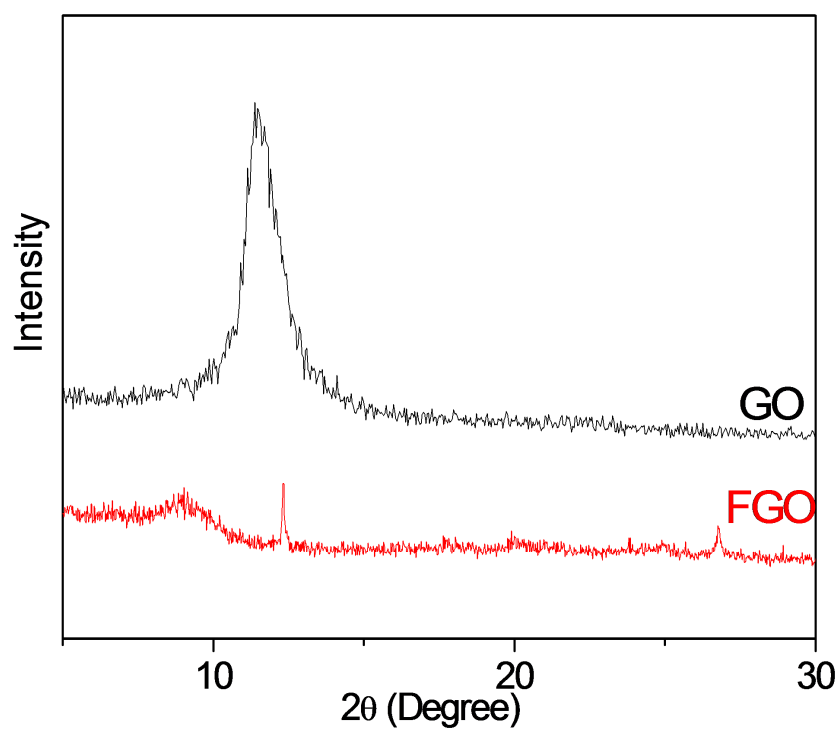


Fig. 3 XRD patterns of GO and FGO

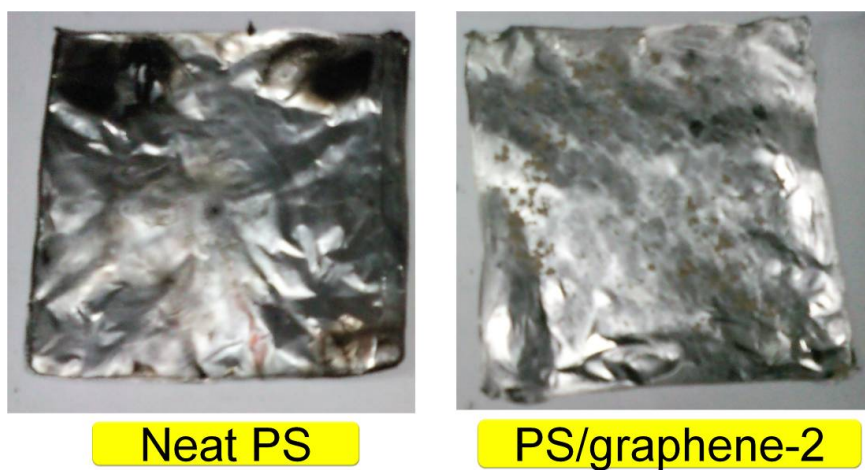


Fig. 10 PS and PS/graphene-2 composite (containing 2 wt% graphene) after cone test; no char is formed with the PS/graphene-2 composite. The samples are referred to prior work (Reference 9: C. L. Bao, L. Song, C. A. Wilkie, B. H. Yuan, Y. Q. Guo, Y. Hu and X. L. Gong, *J. Mater. Chem.*, 2012, 22, 16399-16406.)