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Structural evolution, induced effects and graphitization mechanism of reduced graphene oxide sheets/polyimide composites

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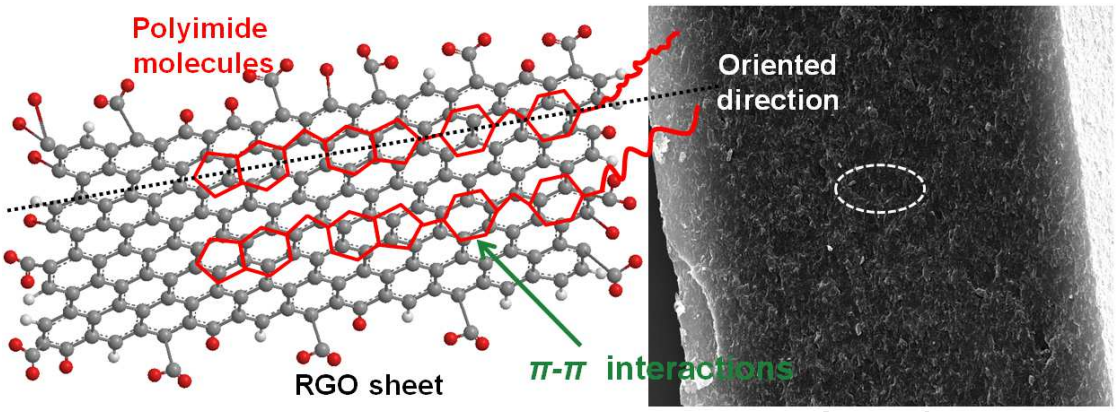
Graphical Abstract



RGO/graphite composites are effectively prepared by a graphitized approach and *in situ* polymerization.

The induced effects of RGO sheets obviously influence structures of RGO/graphite composite films on the graphitization process.

The physical properties showed an obvious enhancement with increasing of RGO sheets.

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