

**Preparation and Properties of Graphene/PA6 Nanofibers** 

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Electrospinning is a simple and flexible technique to produce polymer nanofibers in the submicron range for diverse applications in biomedical engineering, wound dressing materials, separation filtration, chemical sensors, etc.<sup>[1,2]</sup> A wide variety of nanofillers such as montmorillonite,<sup>[3]</sup>passivated Au nanoparticles<sup>[4]</sup> and carbon nanotubes<sup>[5]</sup> have been used to improve the physical properties of electrospun polymer nanofibers. Recently, graphene, a two-dimensional one-atomthick sheet, has emerged as a subject of scientific and engineering interest owing to its amazing properties. These properties and application of graphene in the regulation of electrospinning processes is expected.

