

Strain and Doping Defects in Graphene from Polymer Assisted Transfer Techniques

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Transfer of graphene utilizing polymer assisted procedures is standard procedure in many labs; however, the resulting doping and strain from these techniques alters the behavior of graphene. Using poly(methyl methacrylate)(PMMA), angelica lactone(ALP), and a Soxhlet cleaning procedure results in a cleaner transfer when combined. Here, using Raman spectroscopy and custom python software, the effects of polymer assisted transfer procedure is explored.

*Samples for this paper were provided by The Pennsylvania State University 2DCC-MIP supported by NSF cooperative agreement DMR-1539916. To Joint School of Nanoscience and Nanoengineering, a member of Southeastern Nanotechnology Infrastructure Corridor (SENIC) and National Nanotechnology Coordinated Infrastructure (NNCI), which is supported by National Science Foundation ECCS-1542174).