

Abstract Submitted
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Effect of Graphene, Carbon Black, and Multi-wall Carbon Nano Tube as fillers on Dielectric Response Function of Polystyrene Matrix.
ADNAN JARADAD, None, HIND ABU GHAZLEH COLLABORATION, HASSAN GHANEM COLLABORATION — A set of thin samples of three different fillers (graphene, carbon black, and multi-wall carbon nano-tubes) has been prepared in the laboratory. The thin composite films have different concentration of the filler (weight concentration). The dielectric response function of the prepared samples shows strong relaxation at high frequency (>500 KHz), the position of this peak is found to be a function of weight percent of the composite.

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None

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