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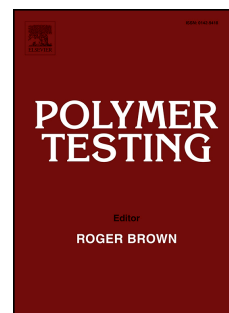
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Structural Testing of Polyimide Nanocomposite Films with SAXS and SVM-PUK

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Abstract:

With an increasing number of new nanomaterials being produced, structural testing of materials has become quite important. In this paper, a testing method based on synchrotron radiation small-angle X-ray scattering (SAXS) was proposed to characterize the structural properties of polyimide nanocomposite films. The tested films, which were prepared through an in situ polymerization method, were composed of either a

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