Supplementary Information

Depression in glass transition temperature of multiwalled carbon nanotubes reinforced polycarbonate composites: Effect of functionalization

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Table S1: Storage modulus parameters of PC composite material

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<tr>
<th>S.No.</th>
<th>System</th>
<th>Storage Modulus E’ (MPa)</th>
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<td></td>
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<td>40°C</td>
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<tr>
<td>1</td>
<td>Pure PC</td>
<td>1050</td>
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<tr>
<td>2</td>
<td>0.5 wt. % MWCNT/PC</td>
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<td>3</td>
<td>1 wt. % MWCNT/PC</td>
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<td>4</td>
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<td>5</td>
<td>2 wt. % a-MWCNT/PC</td>
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</tr>
<tr>
<td>6</td>
<td>5 wt. % MWCNT/PC</td>
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<tr>
<td>7</td>
<td>10 wt. % MWCNT/PC</td>
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Table S2: Glass Transition Temperature parameters of composite material

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### Table S3: XRD peaks of as produced MWCNTs and acid modified MWCNTs

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<th>C(100)</th>
<th>C(101)</th>
<th>Fe(011)</th>
<th>C(110)</th>
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