

Supporting information for

Curing acceleration of cyanate ester resin by phenolic compound having tertiary amino group at the ortho-position

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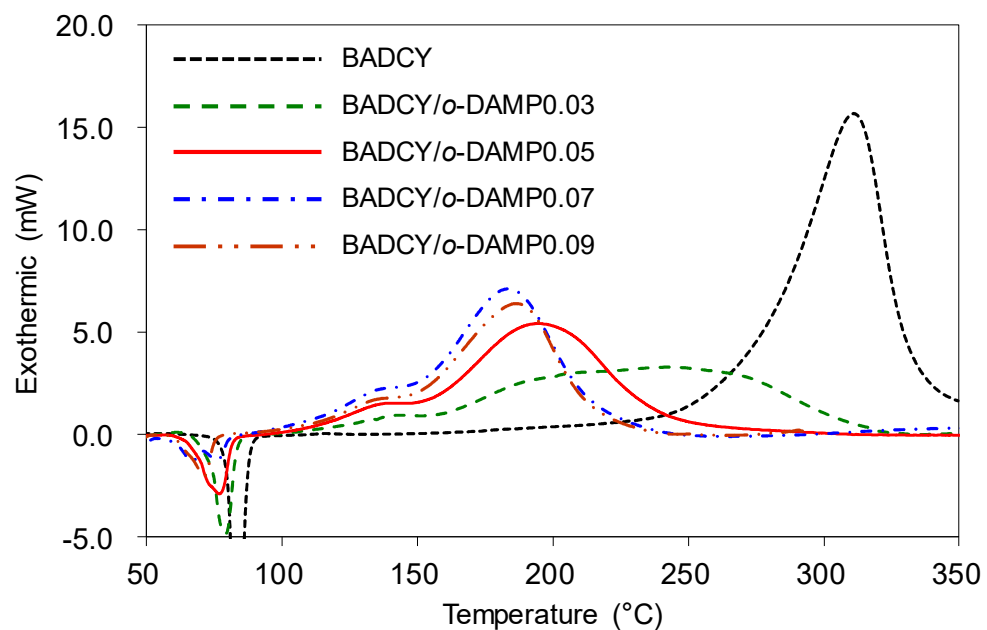


Figure S1 DSC thermograms of BADCY with different amounts of *o*-DAMP. The numbers at the right of the sample names indicate the ratio between OCN in BADCY and OH in *o*-DAMP.

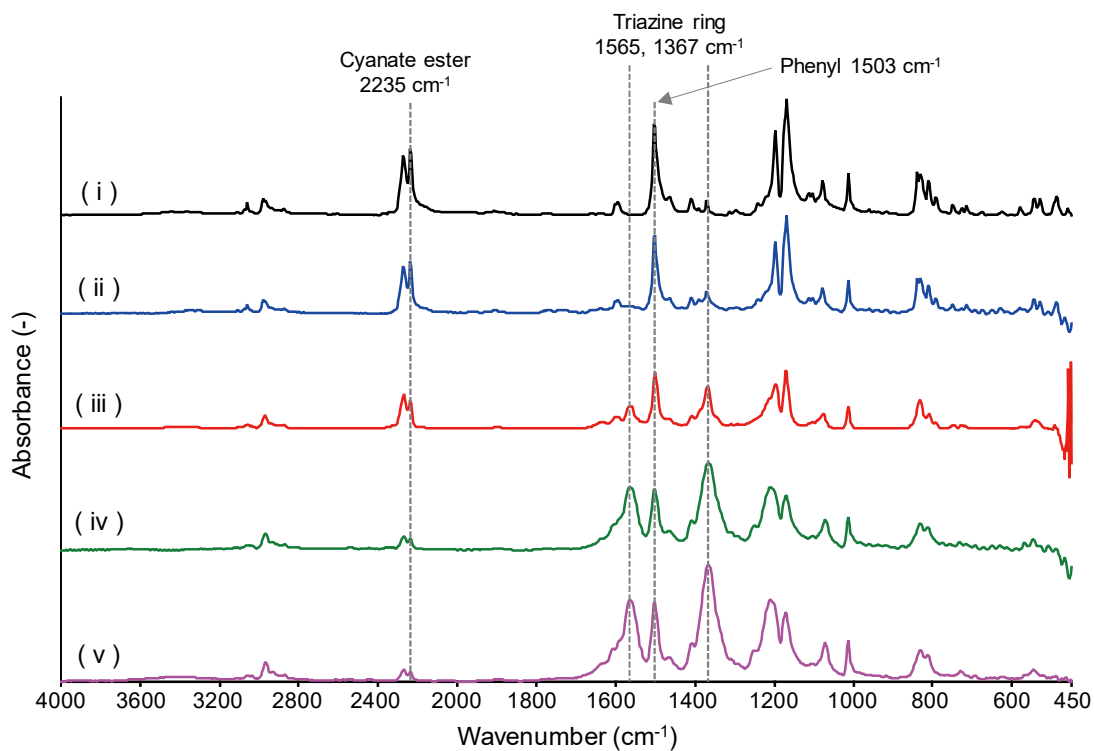


Figure S2 FT-IR spectra of BADCY without catalyst at each curing step (OCN/OH = 1.0/0.05). (i) before curing, (ii) after 120 °C/2h, (iii) after 120 °C/2h + 150 °C/2h, (iv) after 120 °C/2h + 150 °C/2h + 180 °C/2h, (v) after 120 °C/2h + 150 °C/2h + 180 °C/6h.

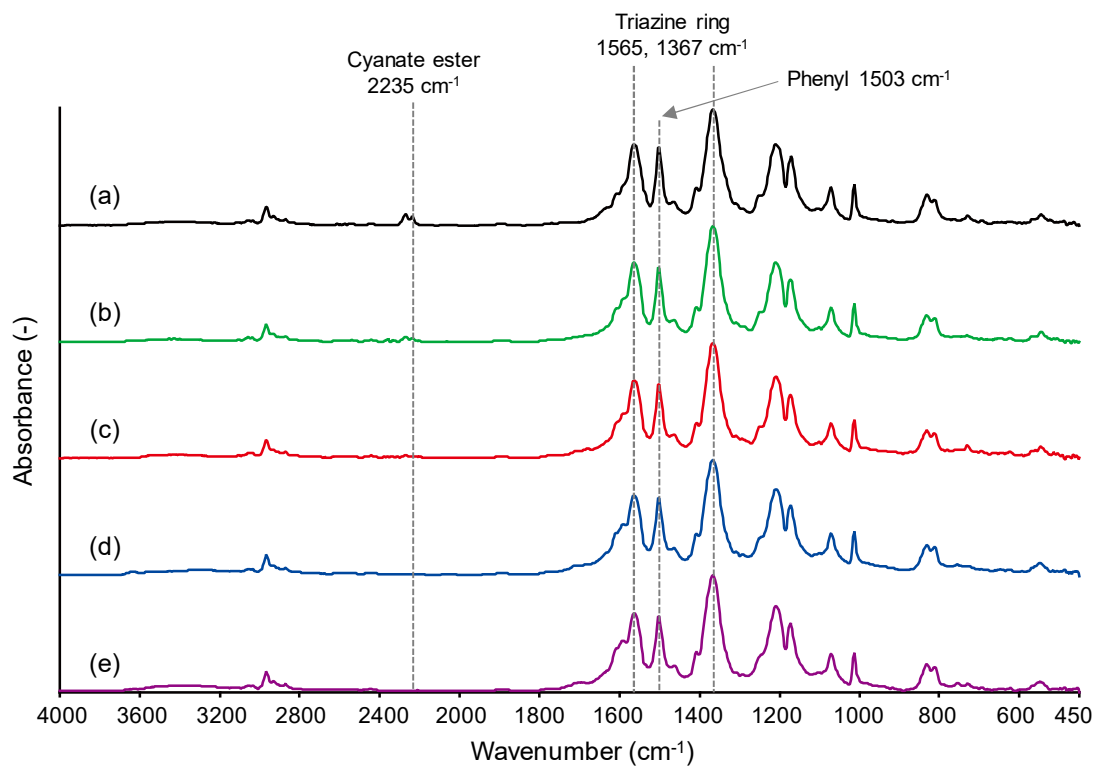


Figure S3 FT-IR spectra of (a) BADCY, (b) BADCY/*o*-DAMP0.03, (c) BADCY/*o*-DAMP0.05, (d) BADCY/*o*-DAMP0.07, and (e) BADCY/*o*-DAMP0.09 after curing at 120 °C/2h + 150 °C/2h + 180 °C/6h. The numbers at the right of the sample names indicate the ratio between OCN in BADCY and OH in *o*-DAMP.

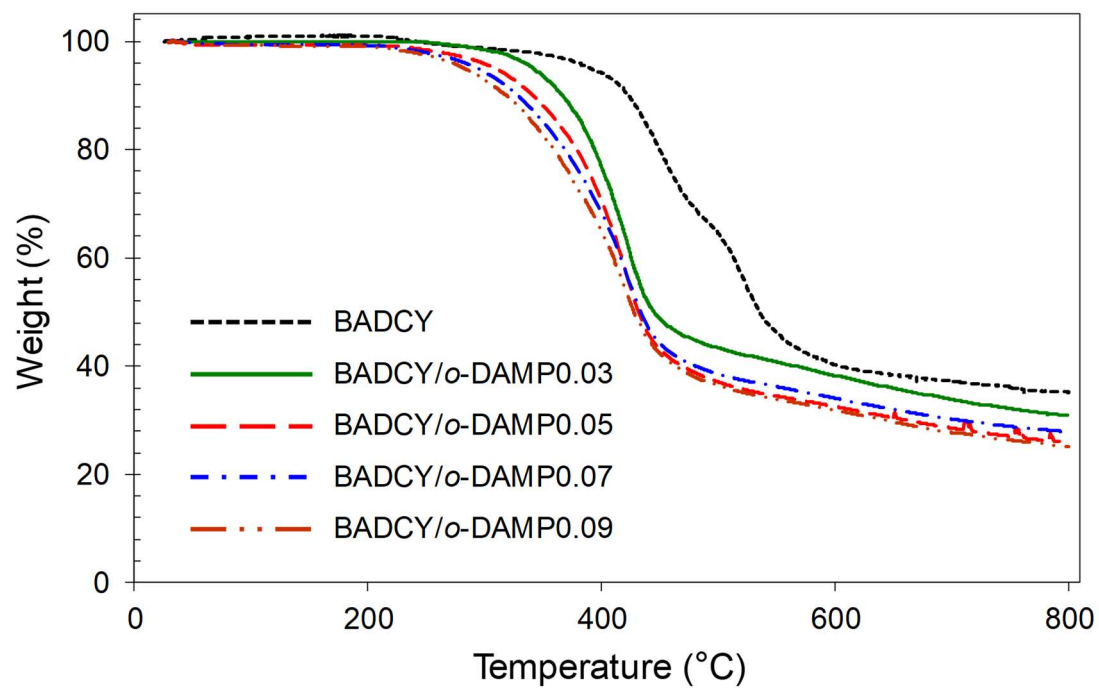


Figure S4 TGA charts of BADCY/*o*-DAMPs with different ratios between OCN in BADCY and OH in *o*-DAMP.