Supplementary Files

Effect of Cross-Linkers on the Processing of Lignin/Polyamide Precursors for Carbon Fibres

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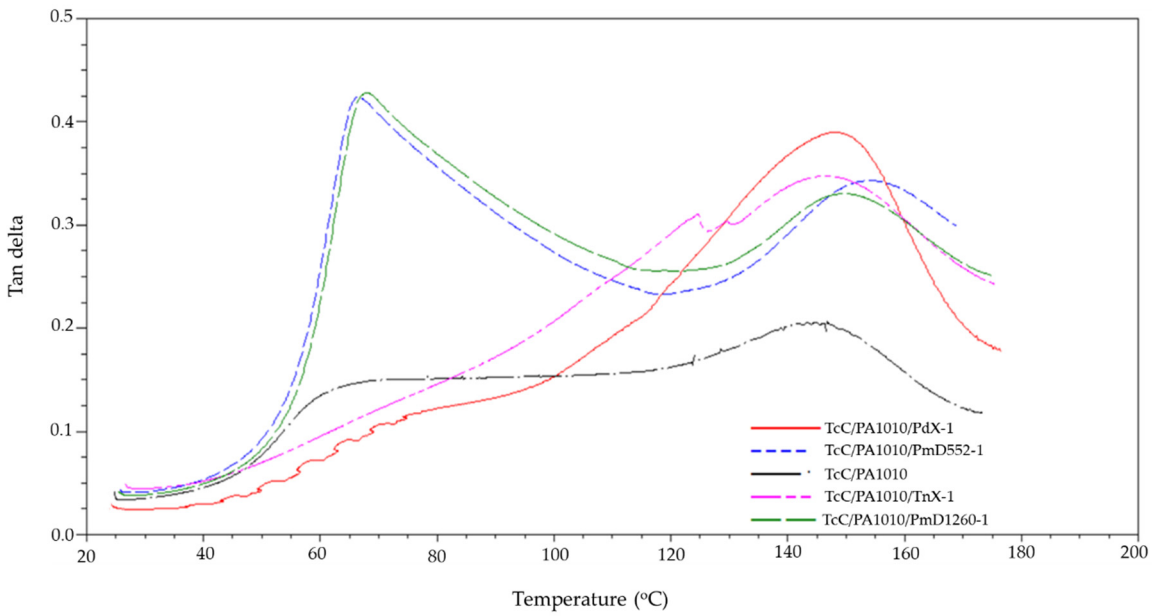

Figure S1. DMA analysis of TcC/PA1010 and TcC/PA1010 blends containing PdX, TnX, PmD 552 and PmD 1260 cross-linkers.

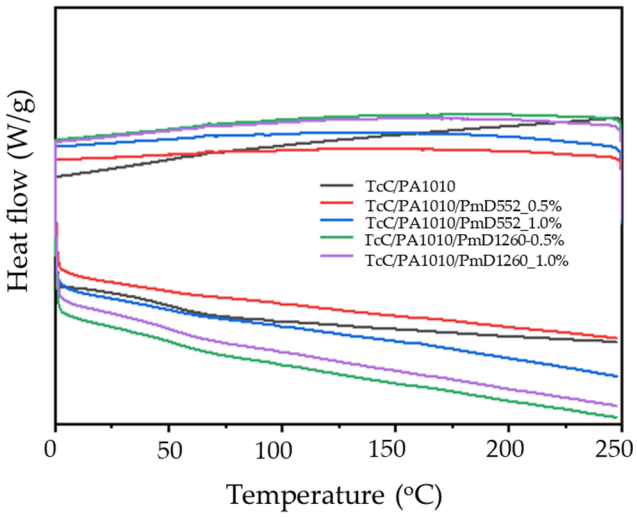

Figure S2. DSC curves of thermally stabilised TcC/PA1010 filaments, pre-impregnated with Primid 552 and Primid 1260.

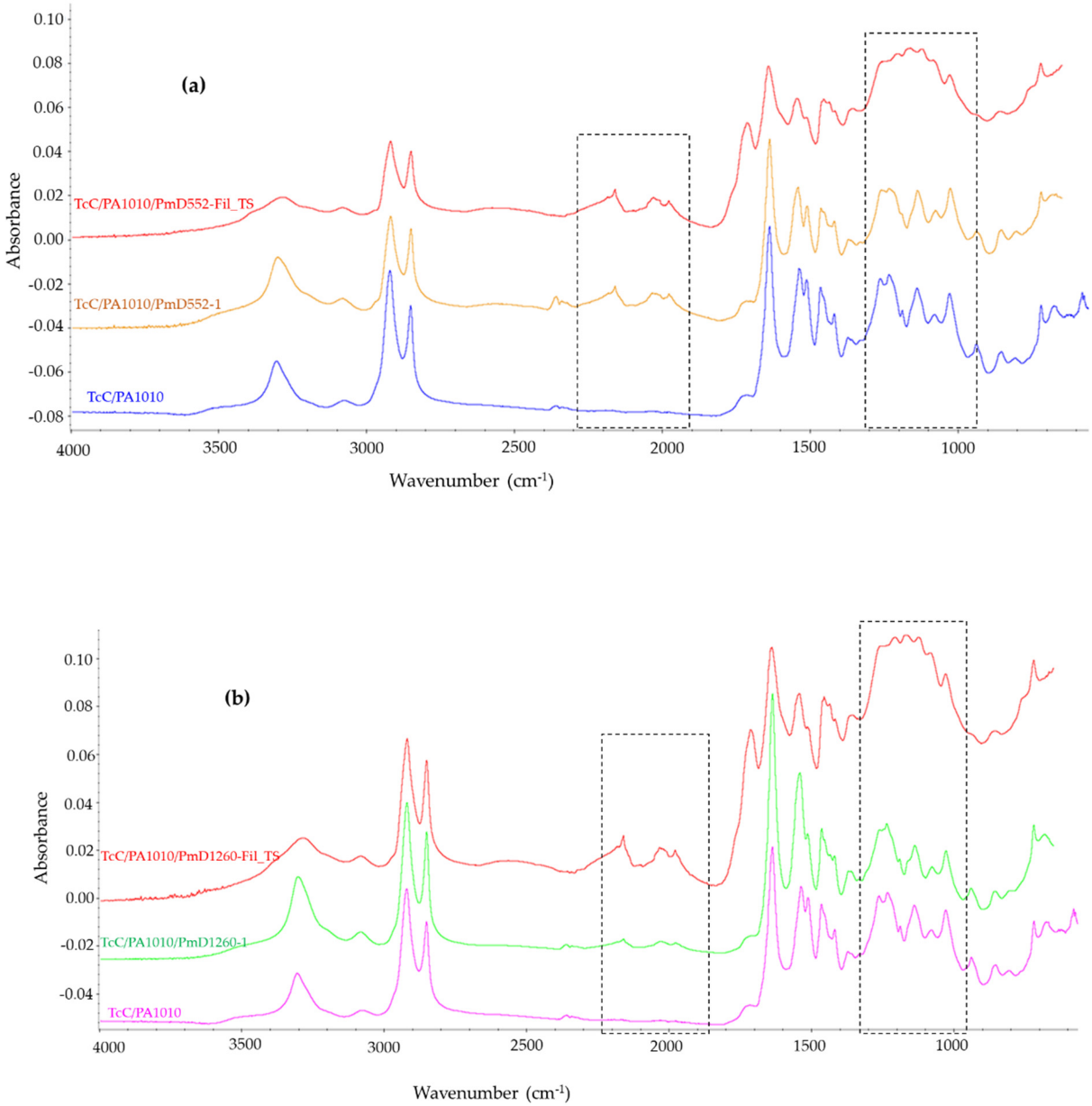

Figure S3. FTIR spectra of melt compounded TcC/PA1010 and TcC/PA1010 blends containing both Primid cross-linkers and thermally stabilised filaments of TcC/PA1010/Pmds (produced by pre-treatment): (a) Pmd552 and (b) PmD 1260