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**‘Phoenix Polymers’: fire induced nanohardness in fibril-forming aromatic cyanate esters**

**Lyndsey Mooring, Scott Thompson, Stephen A Hall, Silvia Pani, Peter Zioupos, Martin Swan, Corinne Stone, Brendan J. Howlin, and Ian Hamerton\***

**Supplementary Data**

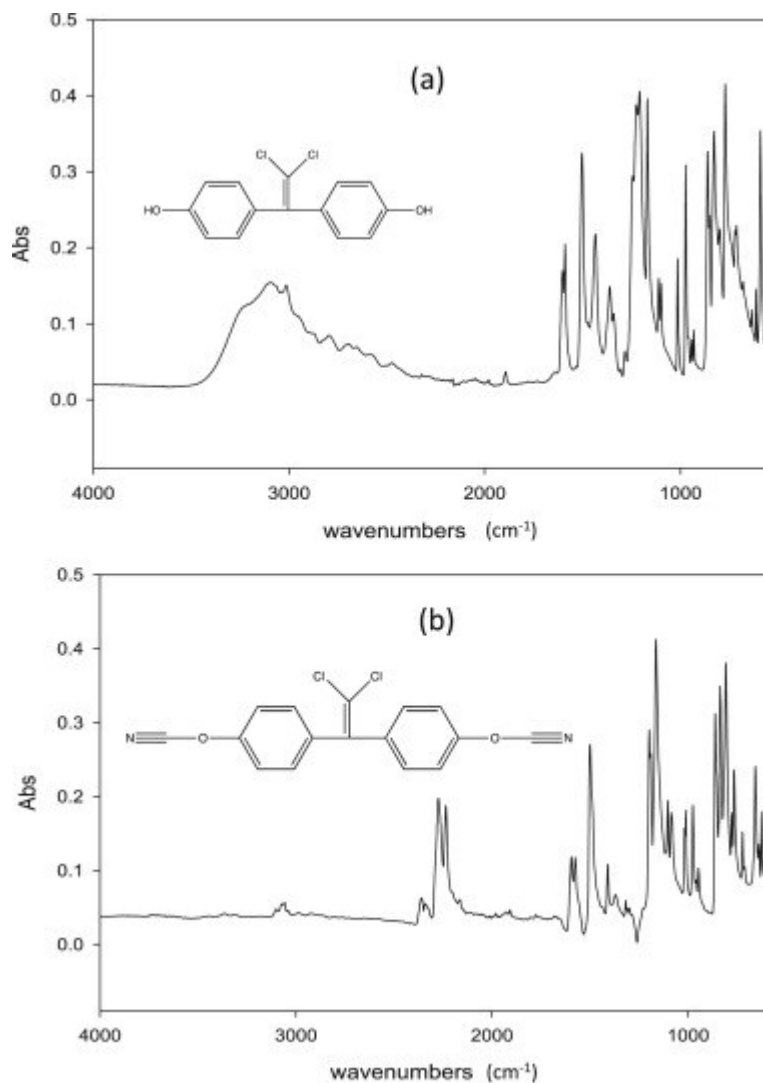


Figure S1. ATR spectra of (a) 1,1-dichloro-2,2-(4-hydroxyphenyl)ethyldene and (b) 1,1-dichloro-2,2-(4-cyanatophenyl)ethyldene (**2**).

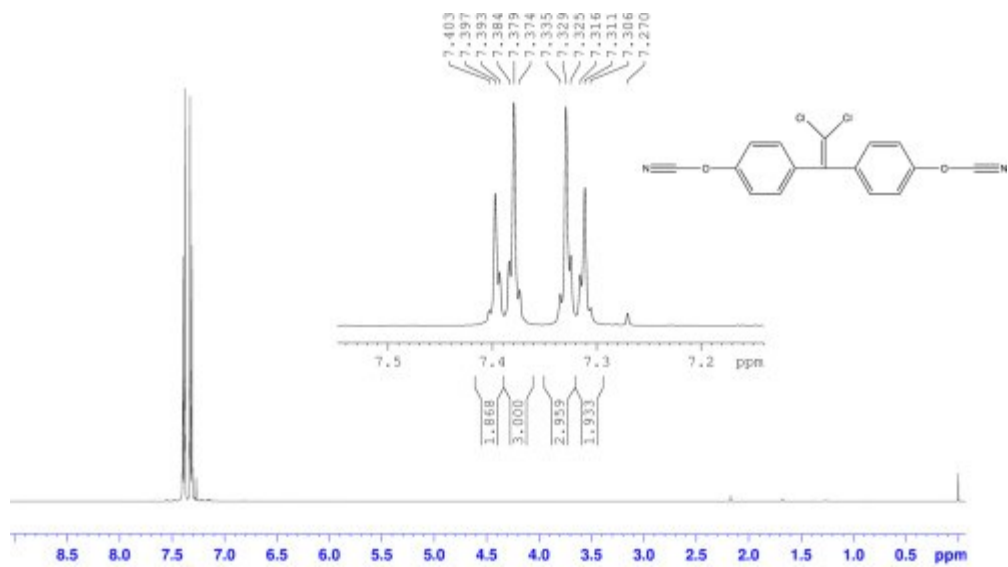


Figure S2. <sup>13</sup>C NMR spectrum of 1,1-dichloro-2,2-(4-cyanatophenyl)ethyldene (2).

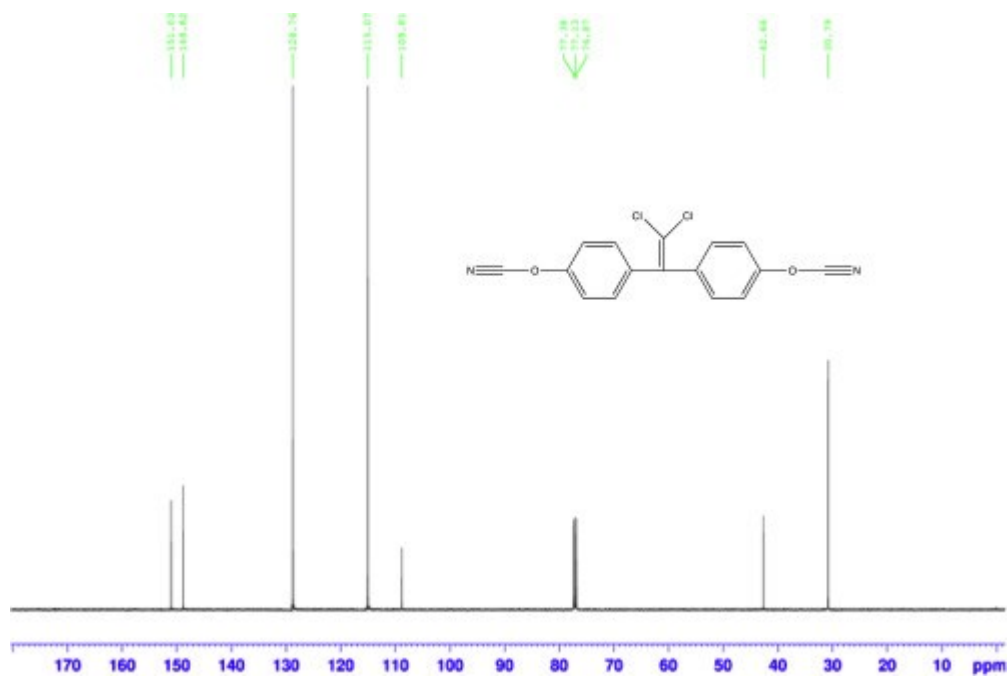


Figure S3. <sup>1</sup>H NMR spectrum of 1,1-dichloro-2,2-(4-cyanatophenyl)ethyldene (2).