

Odd-Even Effect on the Thermal Properties of Schiff base functionalized dicyanate esters and thermo-mechanical properties of their blends with epoxy resins

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Supplementary Informations

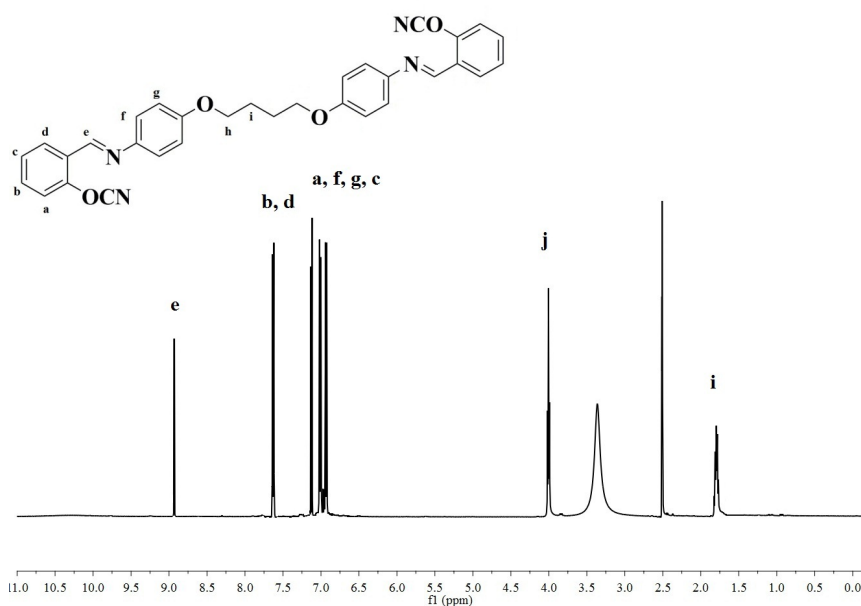


Fig. S₁ ¹H-NMR spectrum of the dicyanate ester (4,4'-(butane-1,4-diylbis(oxy))bis(N-(2-cyanatobenzylidene)aniline)) (But-CE)

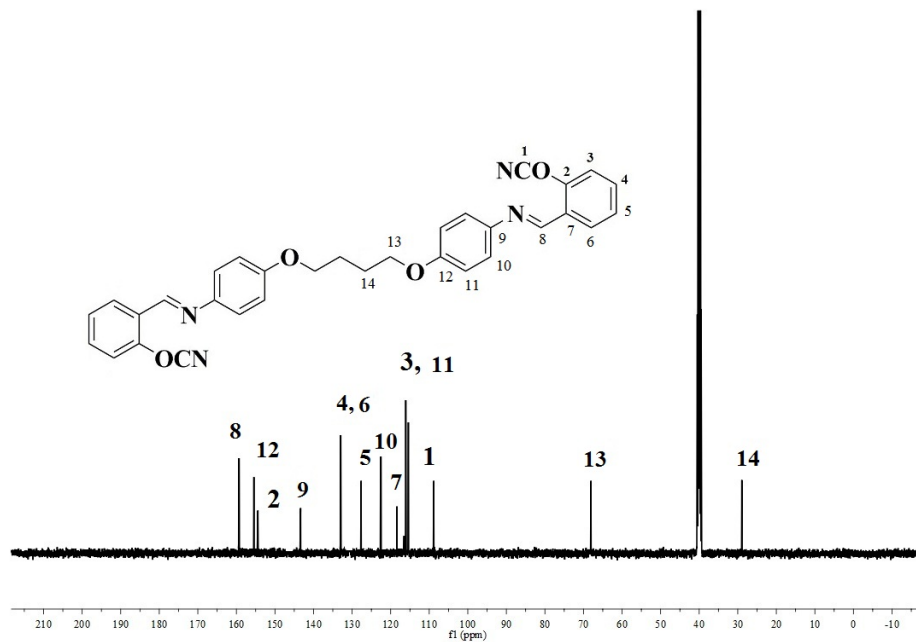


Fig. S₂ ^{13}C -NMR spectrum of the dicyanate ester (4,4'-(butane-1,4-diylbis(oxy))bis(N-(2-cyanatobenzylidene)aniline)) (But-CE)

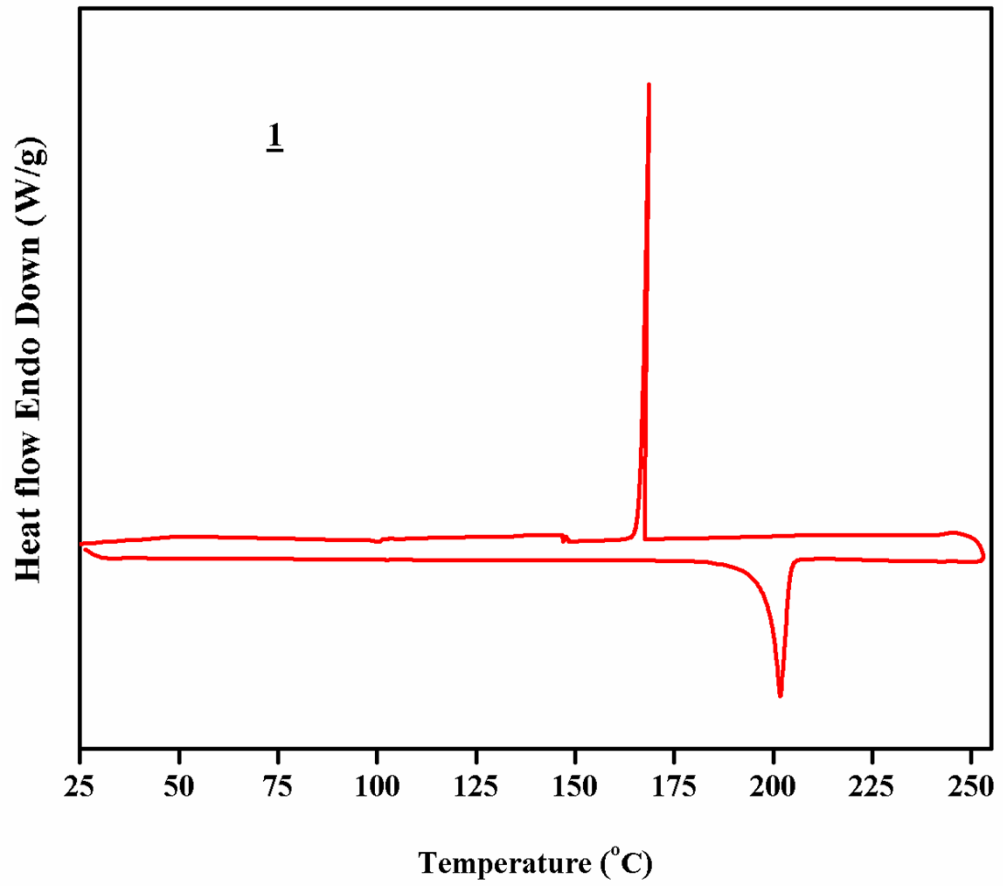


Fig. S₃ DSC thermogram of the dicyanate ester (But-CE)

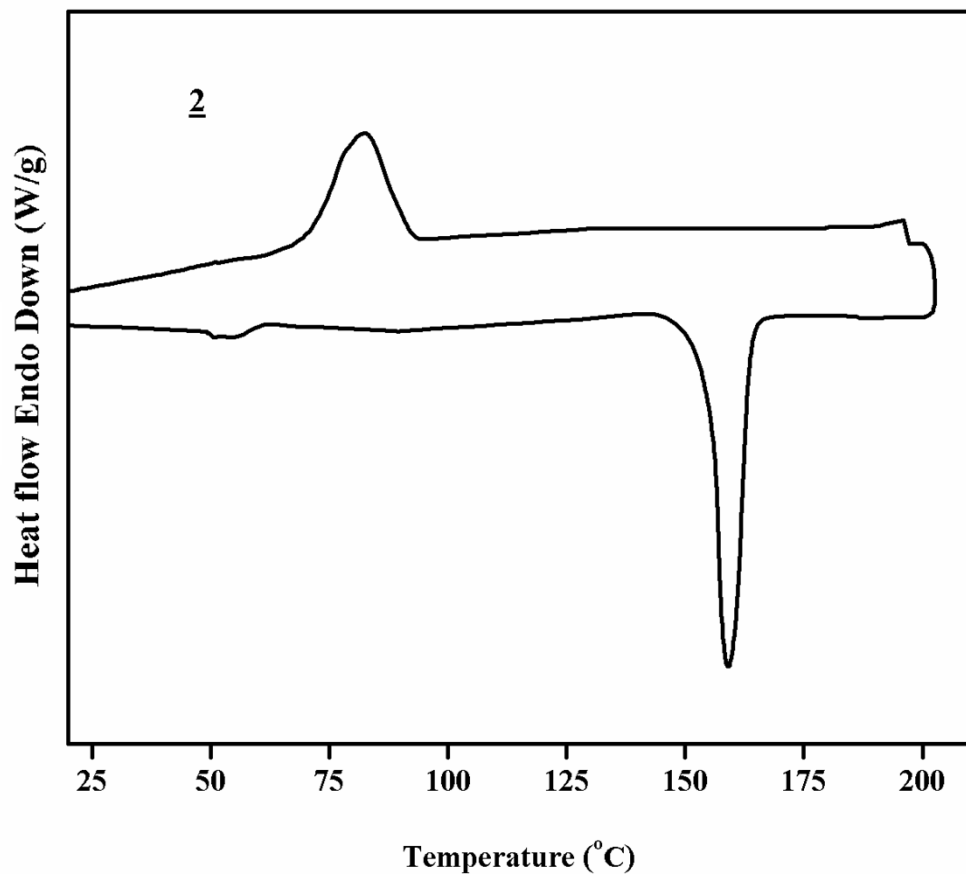


Fig. S₄ DSC thermogram of the dicyanate ester (Pen-CE)

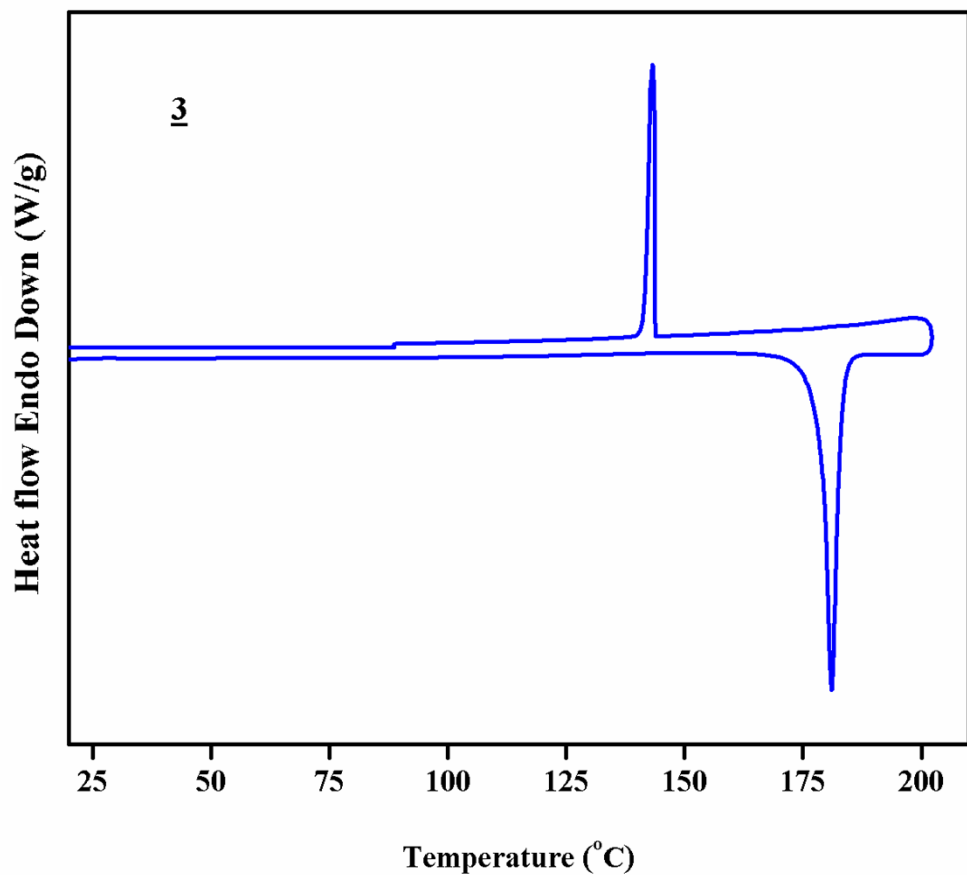


Fig. S₅ DSC thermogram of the dicyanate ester (Hex-CE)

Name of the Sample	% of cyanate ester content	Storage modulus (E') GPa at 25 °C
Neat DGEBA	0	5.69
But-CE + Epoxy	10	3.22
Pen-CE + Epoxy	10	3.17
Hex-CE + Epoxy	10	3.04

S.Table 1. Comparison of storage modulus