Some key Factors Influencing the Flame Retardancy of EDA-DOPO Containing Flexible Polyurethane Foams

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Figure S1a: ^{1}H, ^{13}C and ^{31}P NMR spectra of EG-DOPO (DMSO-d_6)

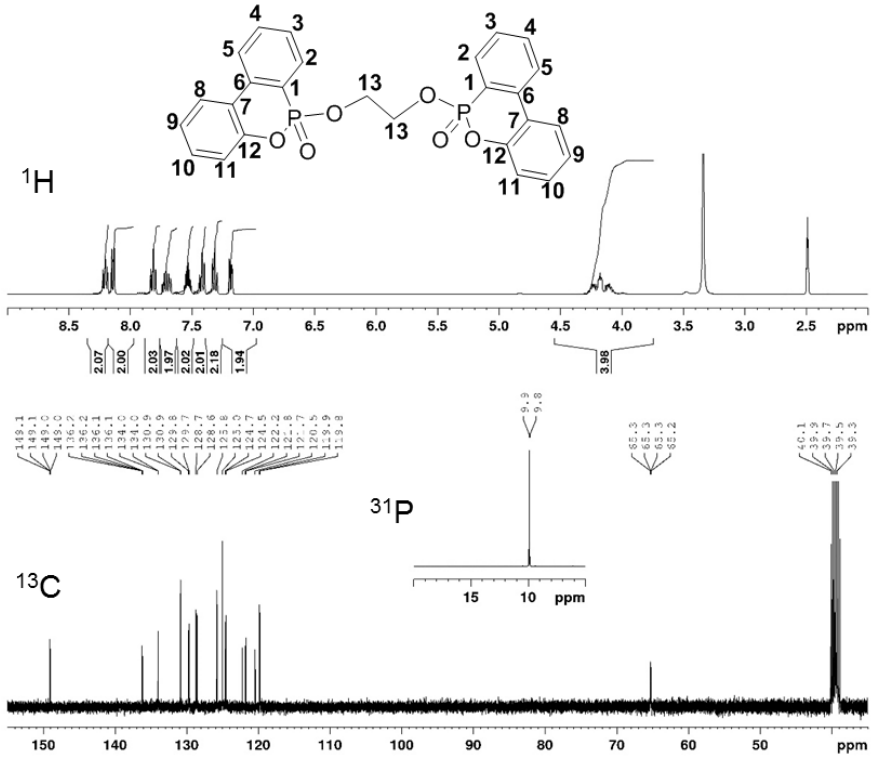


Figure S1b: Regions of interest of ^{1}H-^{13}C HSQC (A & B), ^{1}H-^{13}C HMBC (C) and ^{1}H-^{1}H DQF-COSY (D) NMR spectra of EG-DOPO (DMSO-d_6)

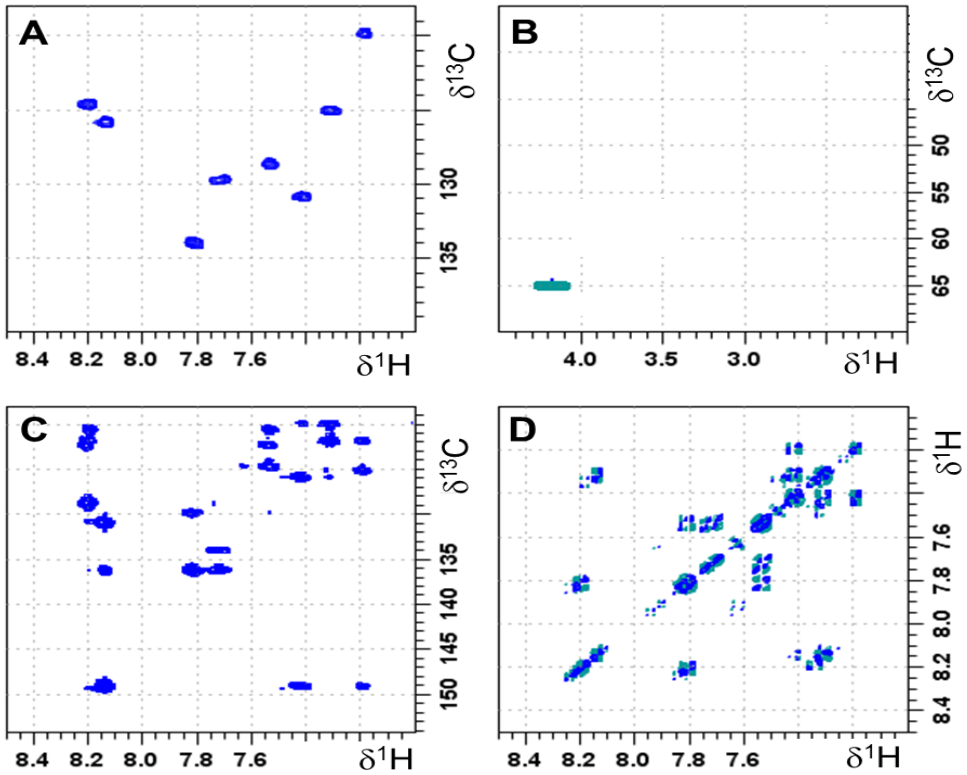


Figure S1c: ^{1}H, ^{13}C and ^{31}P NMR spectra of ETA-DOPO (DMSO-d_6)

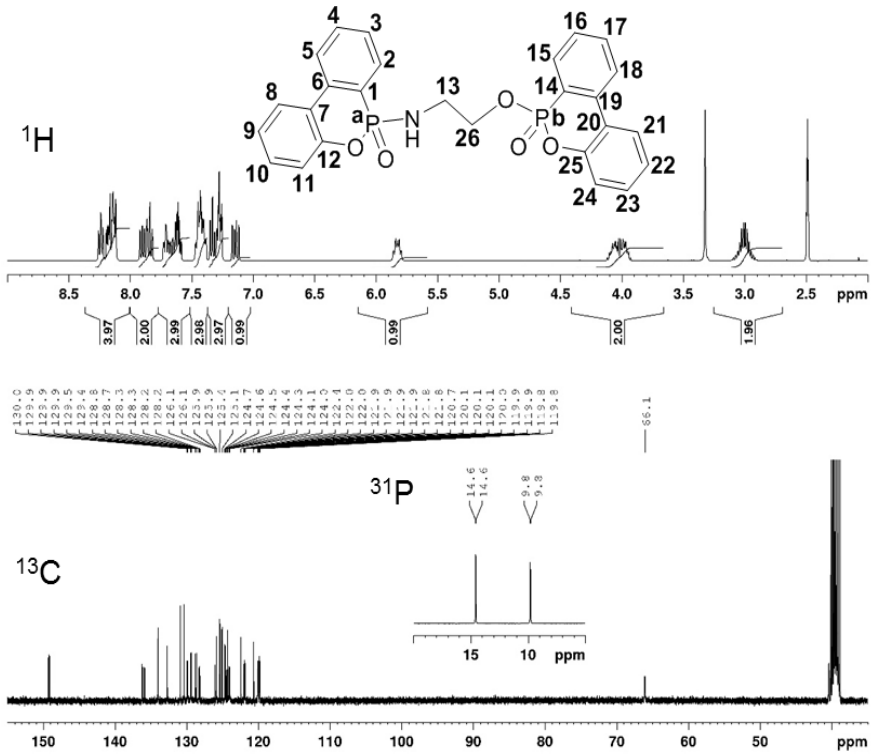


Figure S1d: Regions of interest of ^{1}H-^{13}C HSQC (A & B), ^{1}H-^{13}C HMBC (C) and ^{1}H-^{1}H DQF-COSY (D) NMR spectra of ETA-DOPO (DMSO-d_6)

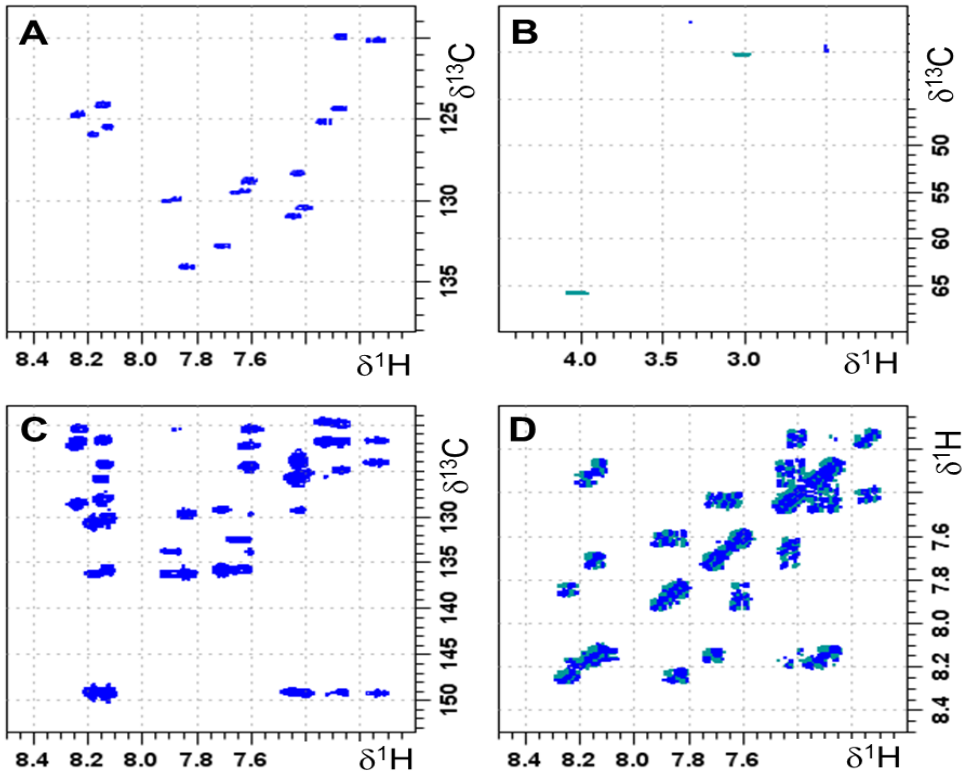


Figure S1e: ^{1}H, ^{13}C and ^{31}P NMR spectra of EDA-DOPO (DMSO-d_6)

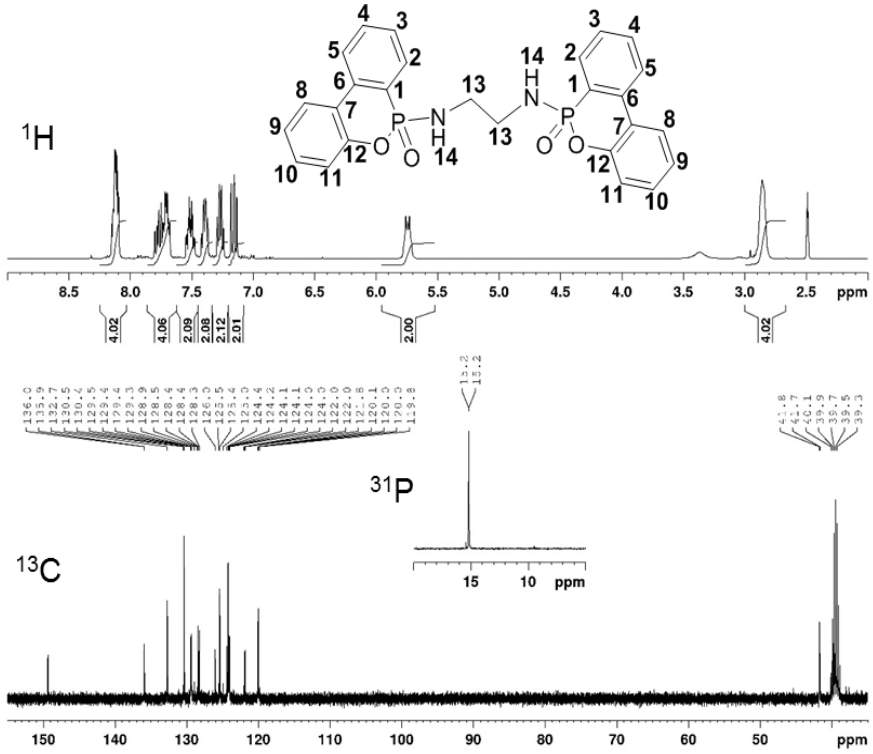


Figure S1f: Regions of interest of ^{1}H-^{13}C HSQC (A & B), ^{1}H-^{13}C HMBC (C) and ^{1}H-^{1}H DQF-COSY (D) NMR spectra of EDA-DOPO (DMSO-d_6)

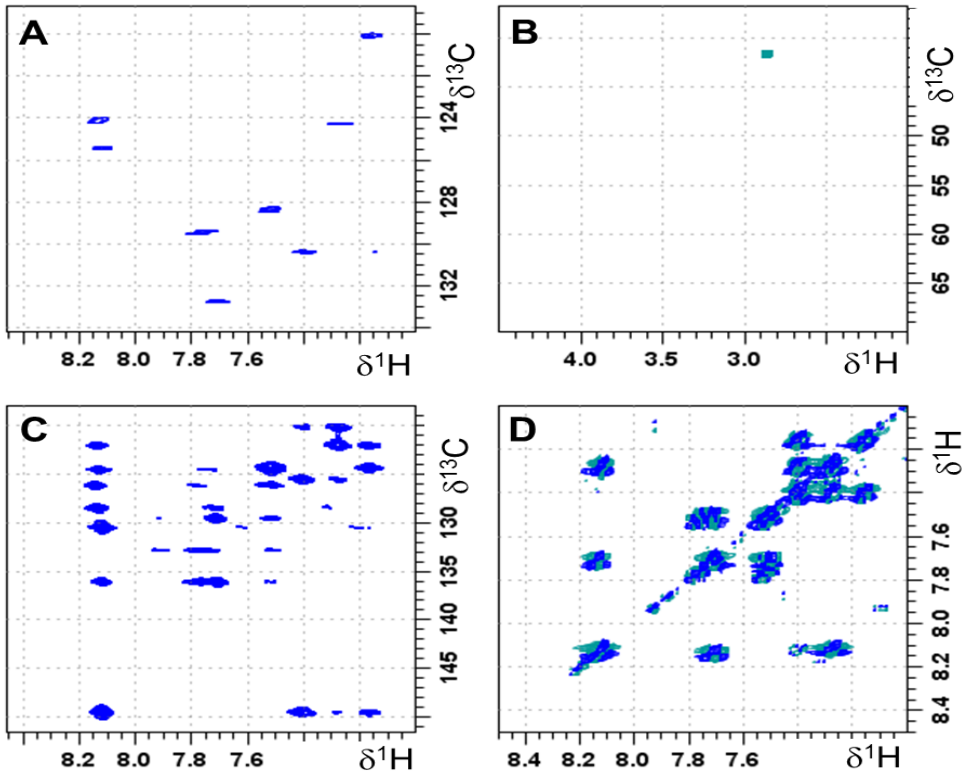


Figure S2: TGA data of bridged DOPO compounds (N_2 atmosphere)

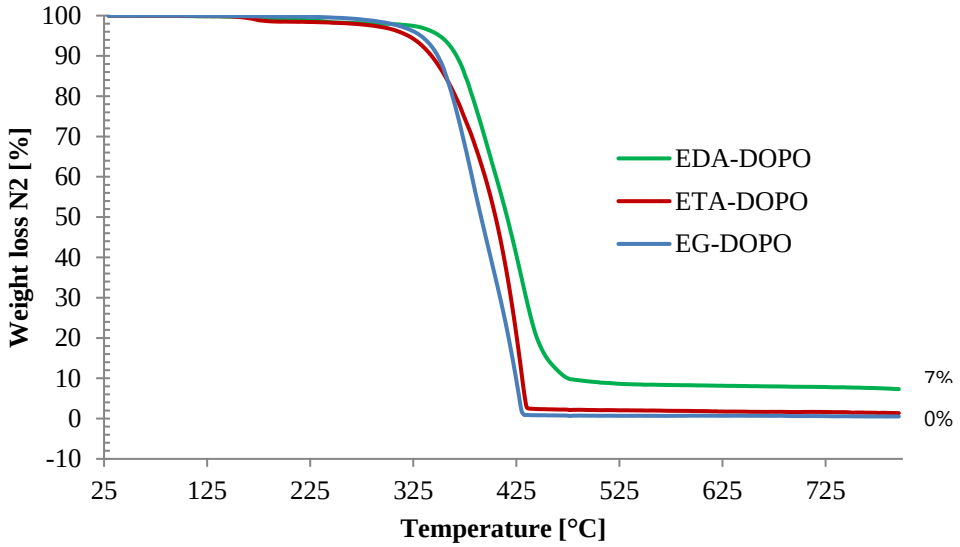
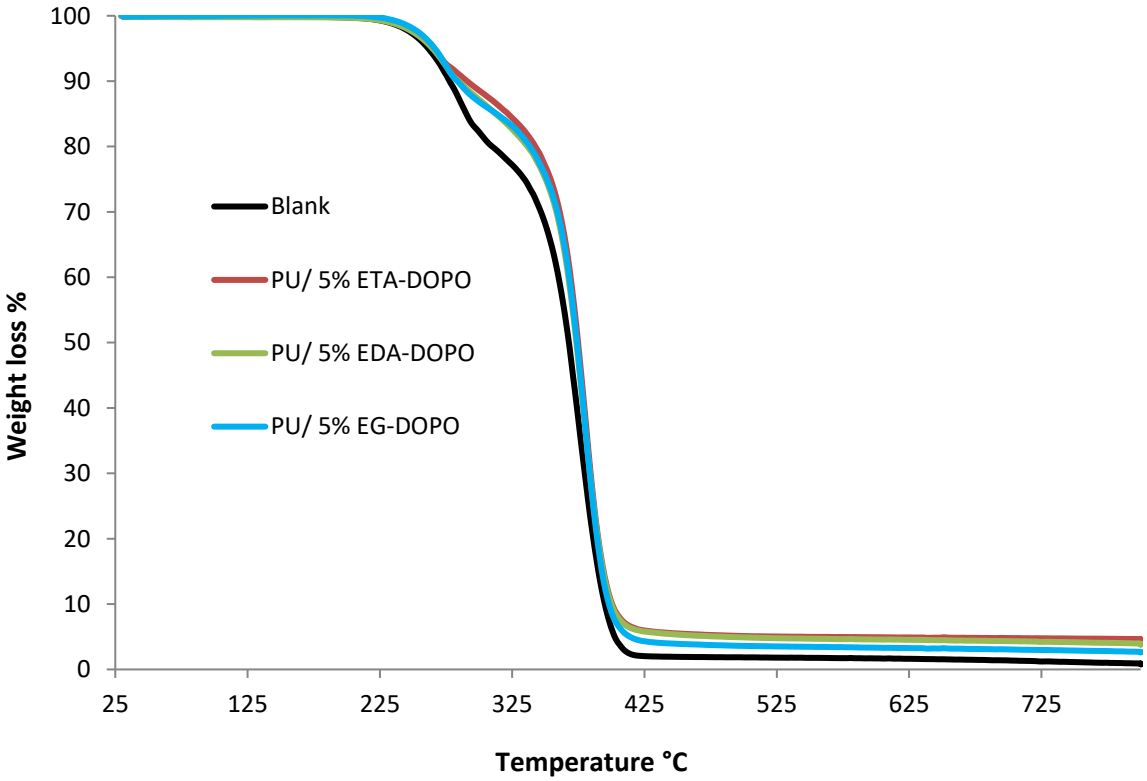


Figure S3: TGA data of PU foams containing 5% bridged DOPO compounds (N_2 atmoshere)



Supplementary information