Figure S1: DSC analysis of a) AB, b) AB@sPEA5 and c) AB@sPEA1 using 2, 5 and 10 °C/min as heating rate.

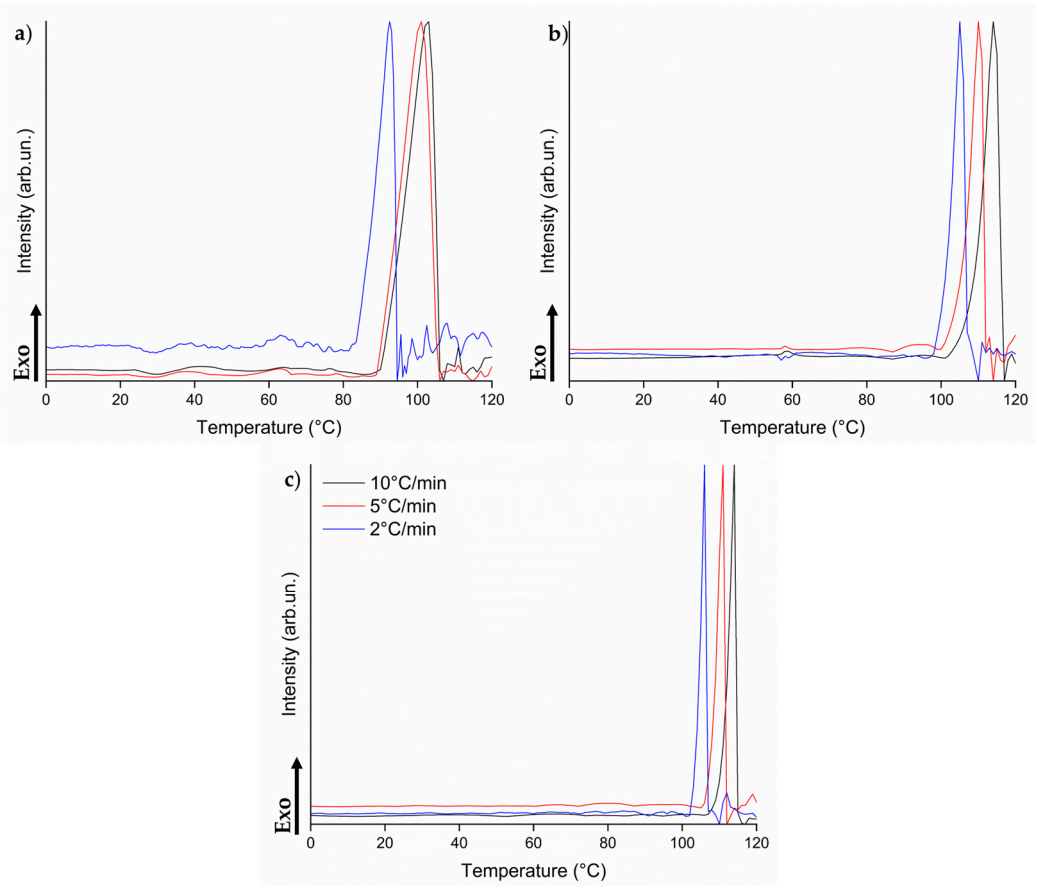


Figure S2: Chemical pathway for the production of sPEA using EA and 2,3,5,6-Tetrafluoroterephthalonitrile as precursors.

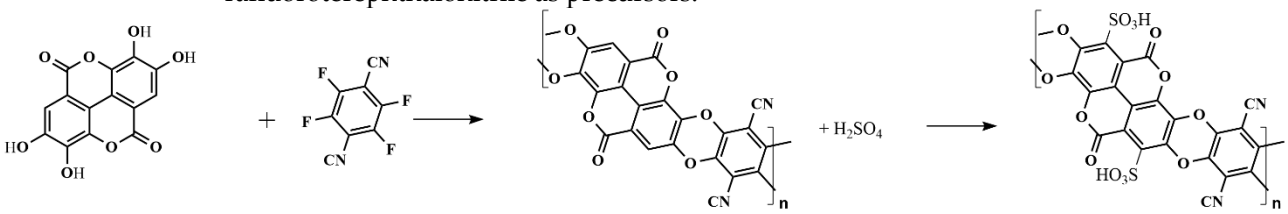


Figure S3: Thermograms of PEA and sPEA in the range up to 800°C in nitrogen atmosphere. TG curves are reported in black while DTG are reported in blue.

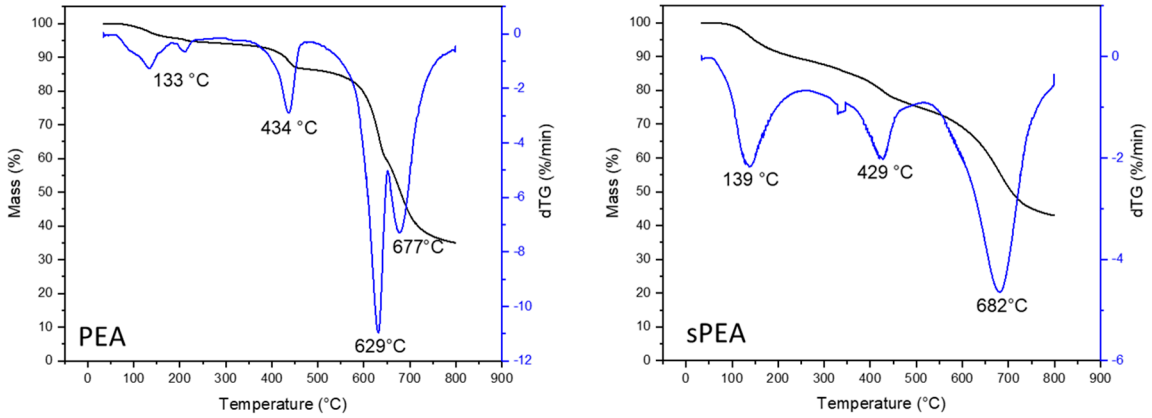


Figure S4: FT-IR spectra of gas released during the main degradative stages of PEA and sPEA in nitrogen atmosphere during TGA-IR analysis.

