

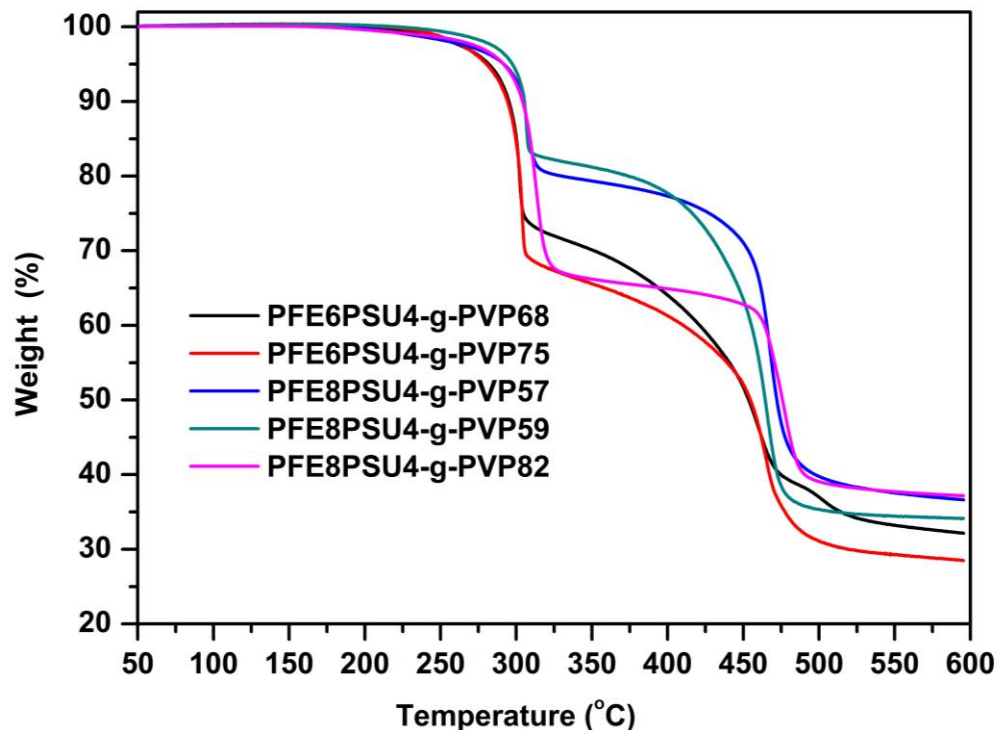
## Supplementary Information

### Block selective grafting of poly(vinylphosphonic acid) from aromatic multiblock copolymers for nanostructured proton conducting membranes

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**Fig. S1** TGA traces of the PFE<sub>x</sub>PSU<sub>4</sub>-g-PVPA<sub>y</sub> samples in the ester form, recorded at 10 °C min<sup>-1</sup> under N<sub>2</sub>.