

Electronic Supplementary Information

Wash-Durable Polyelectrolyte Complex that Extinguishes Flame on Polyester-Cotton Fabric

Merid Haile, Marcus Leistner, Owais Sarwar, Courtney Toler, Robert Henderson, Jaime C. Grunlan

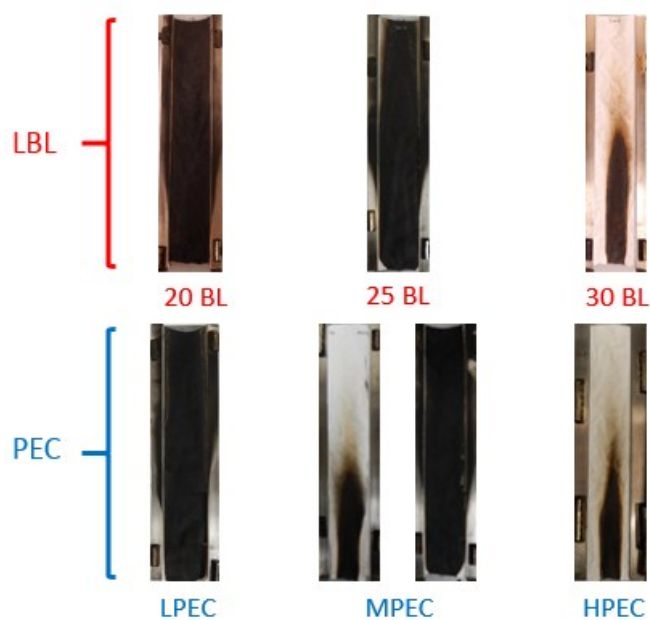


Fig. S1. Images of coated fabric residues after vertical flame testing.

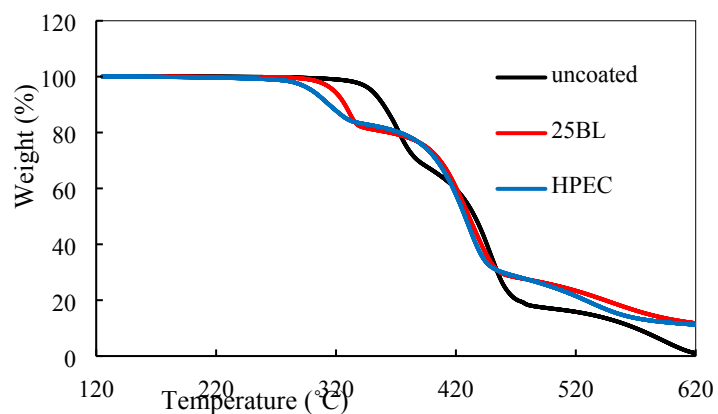


Fig. S2. Representative TGA weight loss, as a function of temperature, in oxidizing atmosphere.

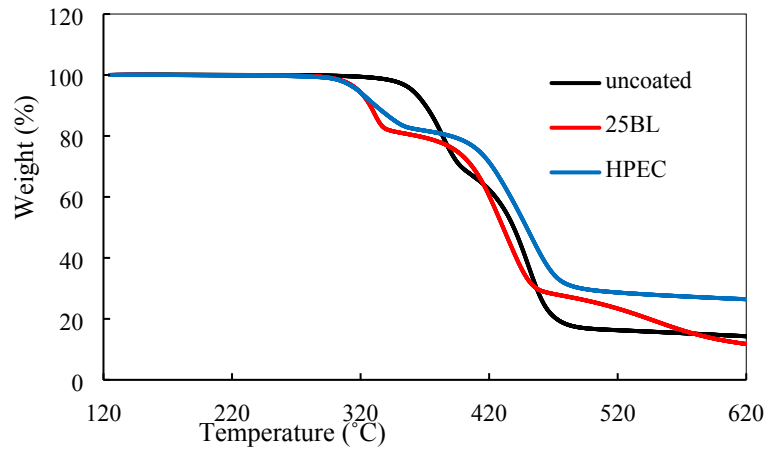


Fig. S3. Representative TGA weight loss, as a function of temperature, of uncoated and coated PECO fabrics in nitrogen atmosphere.

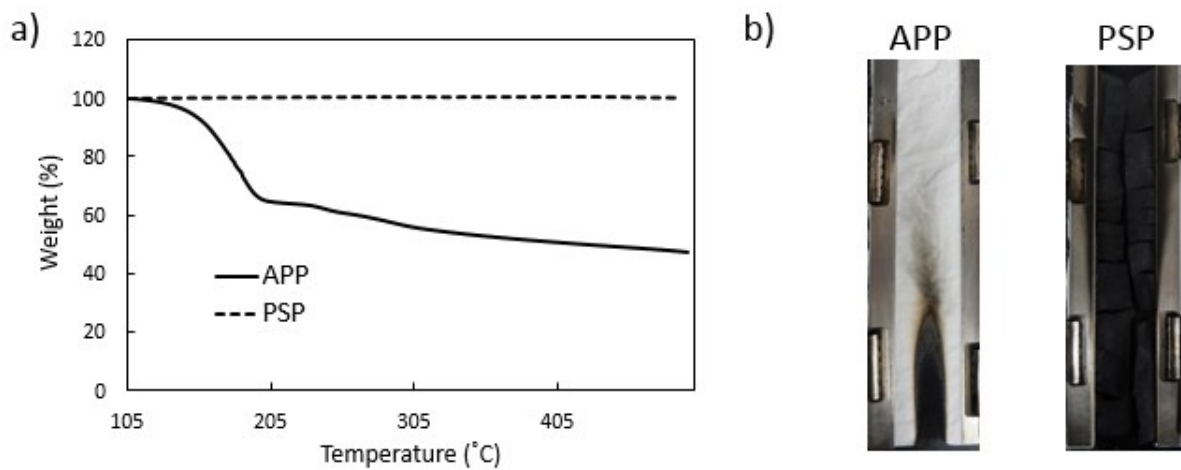


Fig. S4. Thermogravimetric analysis of ammonium polyphosphate (APP) and poly(sodium phosphate) PSP (a). APP and PSP-coated PECO after vertical flame testing (b).