Enhanced hydrophobicity, thermal stability, UV radiation resistance, and antibacterial properties of wool fabric treated with p-aminobenzenesulfonic acid by oxidative polymerization

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Electronic Supplementary Information

Contents

Fig. S1. Effect of multiple cycles of washing on the surface resistance of wool fabric treated with ABSA

Fig. S2. EDX spectra of untreated wool fabric (a) and also wool fabric samples treated with 1 (b), 2 (c), 3 (d), and 4 % (e) owf pASA

Fig. S3. Optical micrographs of water droplets placed on pASA-treated wool fabric at different times

Table S1. EDX elemental analysis of untreated and pABSA-treated wool fabrics
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### Table S1

EDX elemental analysis of untreated and pABSA-treated wool fabrics

| pABSA concentration (%%) | Mass of elements (%) |   |   |   |
|-------------------------|----------------------|---|---|---|
|                         | C        | N    | O    | S    |
| 0                       | 52.68    | 19.79 | 25.92 | 1.61 |
| 1                       | 50.96    | 19.23 | 27.39 | 2.42 |
| 2                       | 49.48    | 19.91 | 27.22 | 3.39 |
| 3                       | 48.87    | 19.84 | 26.98 | 4.31 |
| 4                       | 48.99    | 19.68 | 26.78 | 4.55 |