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Supporting Information

The effect of hydroxyl on the super-hydrophobicity of dodecyl methacrylate (LMA) coated fabrics through simple dipping-plasma crosslinked method

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1. Supplementary Figures

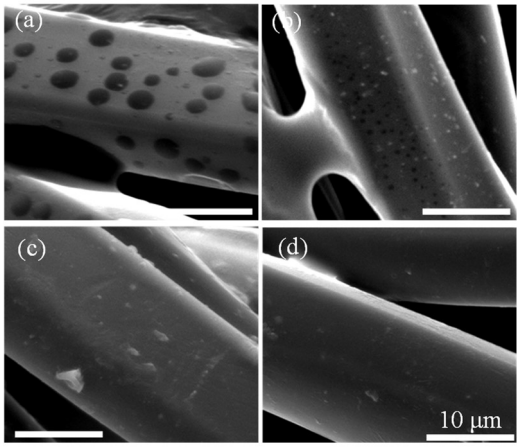

Figure S1. The surface morphology of treated PET fabrics: (a) dipping PEG; (b) PET-*g*-PEG; (c) PET-*g*-LMA; (d) PET-*g*-PEG&LMA.

2. Supplementary Tables

Table S1. Water repellency and washing stability of different fabrics.

Sample	Water contact angle (°)		
	Original	After 30 washing cycles	After 500 rubbing cycles
TPU	122.42	17.67	
TPU-g-PEG&LMA	143.41	128.49	
TPU-g-LMA	137.11	104.12	
PA6	137.38	73.54	
PA6-g-PEG&LMA	156.52	146.38	
PA6-g-LMA	152.86	119.71	

Note：TPU—Thermoplastic polyurethane (plain weave, grammage=119 g/m^2)；PA6—Polyamide 6 (plain weave, grammage=196 g/m^2).