Supporting Information

Ordered Porous Structure Hybrid Film Generated by Breath Figures for Directional Water Penetration

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Figure S1 PI molecular structure.



Figure S2 AAO surface roughness for four films: a) 20-30 nm, b) 80-100 nm, c) 110-150 nm and d) 200-300 nm.



Figure S3 SEM images of AAO a) before and b) after plasma treatment. The pore size is 200-300 nm.



Figure S4. Size distribution histogram of the pore size of honeycomb film. Statistical data corresponding to a) Figure 4a-4, b) Figure 4b-4, c) Figure 4c-4, d) Figure 4d-4, respectively.