

Supplementary Materials

# Introducing polar groups in porous aromatic framework for achieving high capacity of organic molecules and enhanced self-cleaning applications

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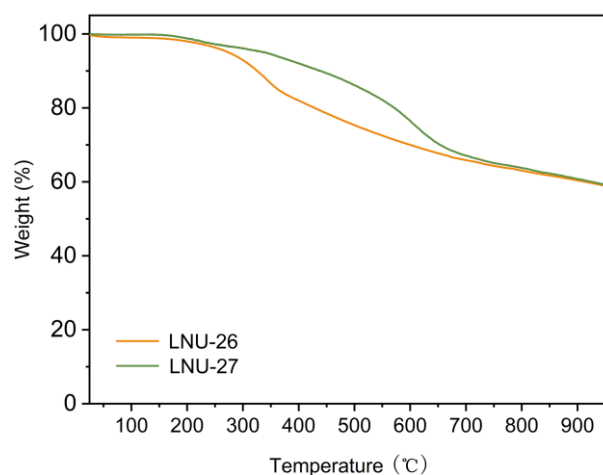
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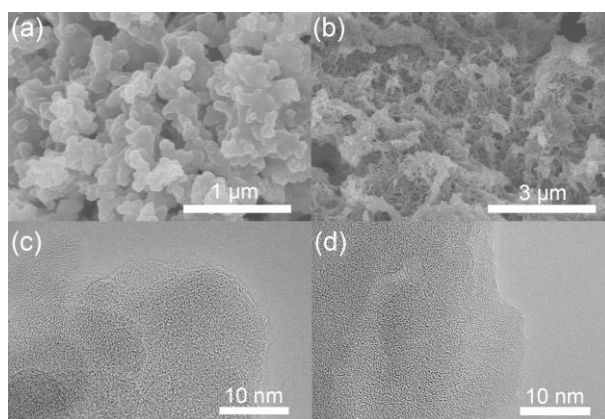
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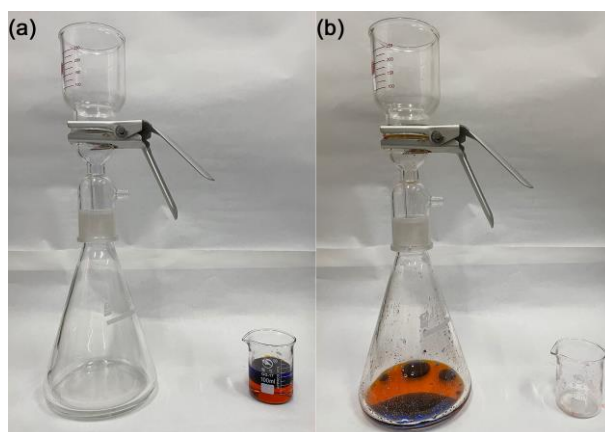
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**Figure S1** TGA curves for PAF solids under nitrogen atmosphere.



**Figure S2** SEM images for (a) LNU-26 and (b) LNU-27; TEM images for (c) LNU-26 and (d) LNU-27.



**Figure S3** Photographs of the separation of chloroform (dyed with methyl red) and water (dyed with methyl blue) using the raw polyester fabric.