

Supplementary Information of Ultralight open cell polymer sponges with advanced properties by PPX CVD coating

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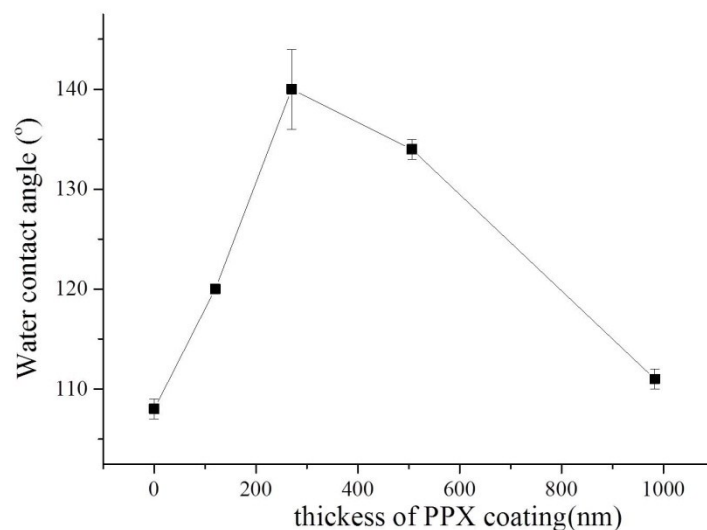


Fig.S1 water contact angle of fiber mat as a function of different thickness of PPX coating

Fig.S1 shows that the water contact angle of a fiber mat before PPX coating is $< 110^\circ$, but nearly 140° when coated with 280 nm PPX. With higher PPX coatings the water contact angle decreased if PPX layer become thicker. This trend was consistent with water contact angle of sponges before and after coating.