

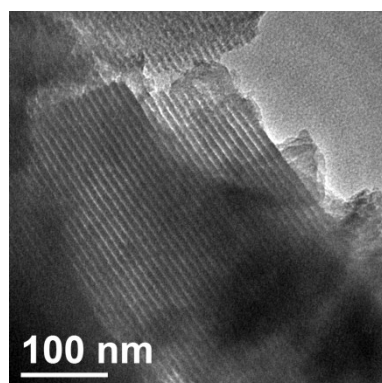


Fig. S1 TEM image of the OMC fiber

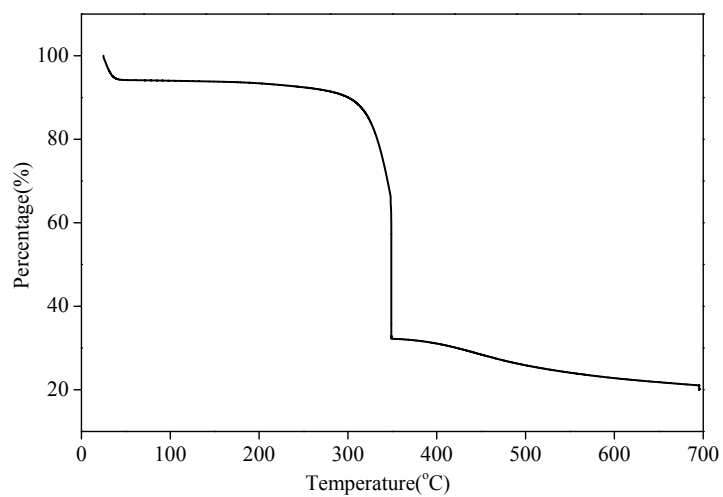


Fig.S2 TGA curve of the as-prepared OMC before calcination

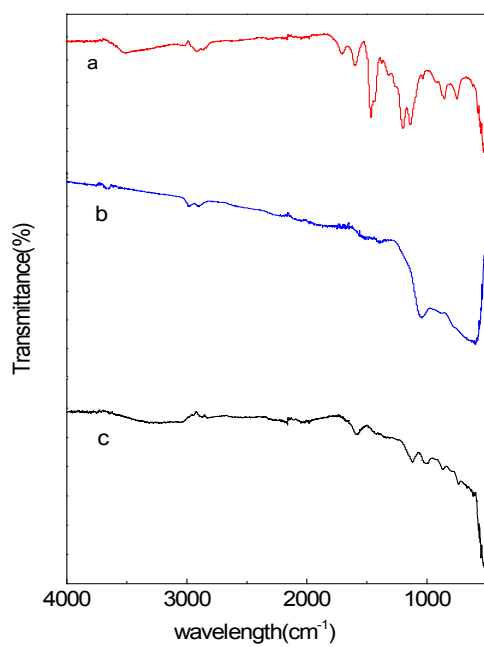


Fig.S3 FT-IR spectroscopy of the OMC coating (a: 350 °C b: 550 °C c: 700 °C)

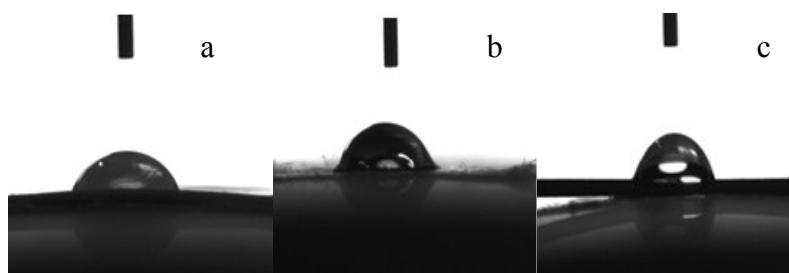


Fig.S4 Contact angle of the OMC (a: 350 °C b: 550 °C c: 700 °C)

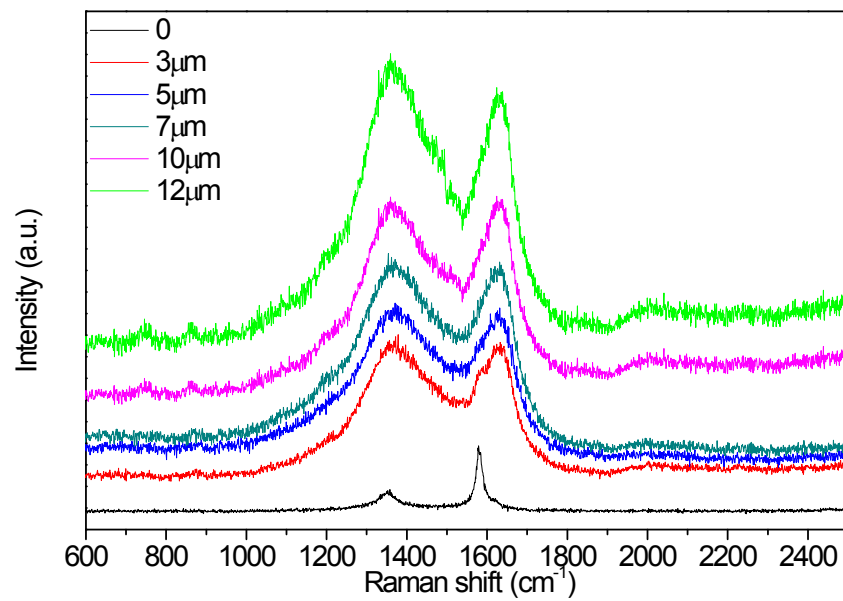


Fig.S5 Raman spectra of OMC700 fibers with different thickness

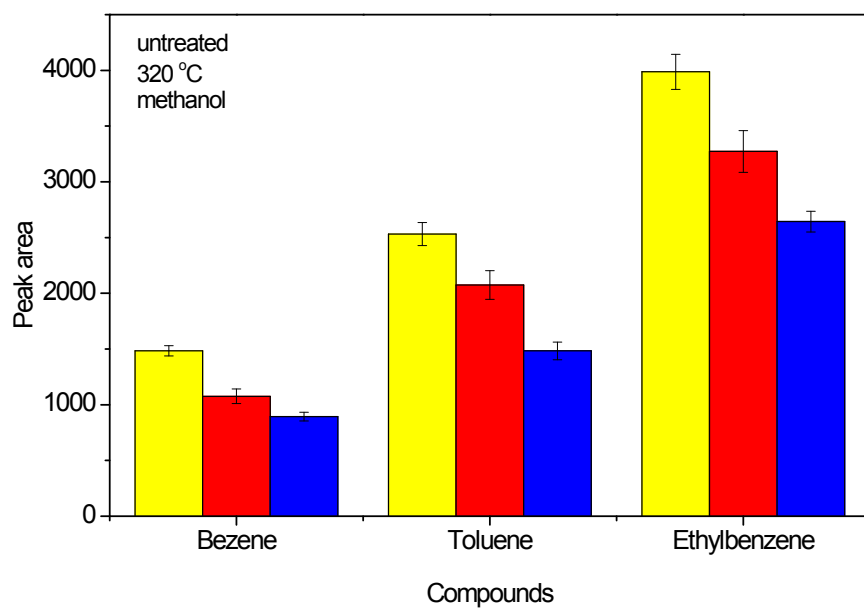


Fig.S6 Stability of the commercial fiber