

Fig. S1 Molecular structural formula of PPTA.

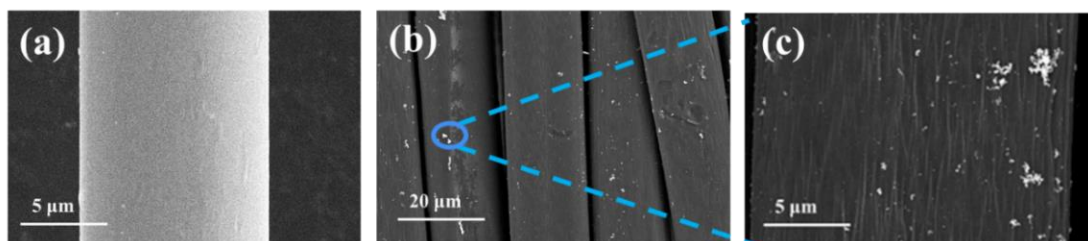


Fig. S2 SEM images of (a) pristine Kevlar[®]; (b-c) pretreated Kevlar[®].

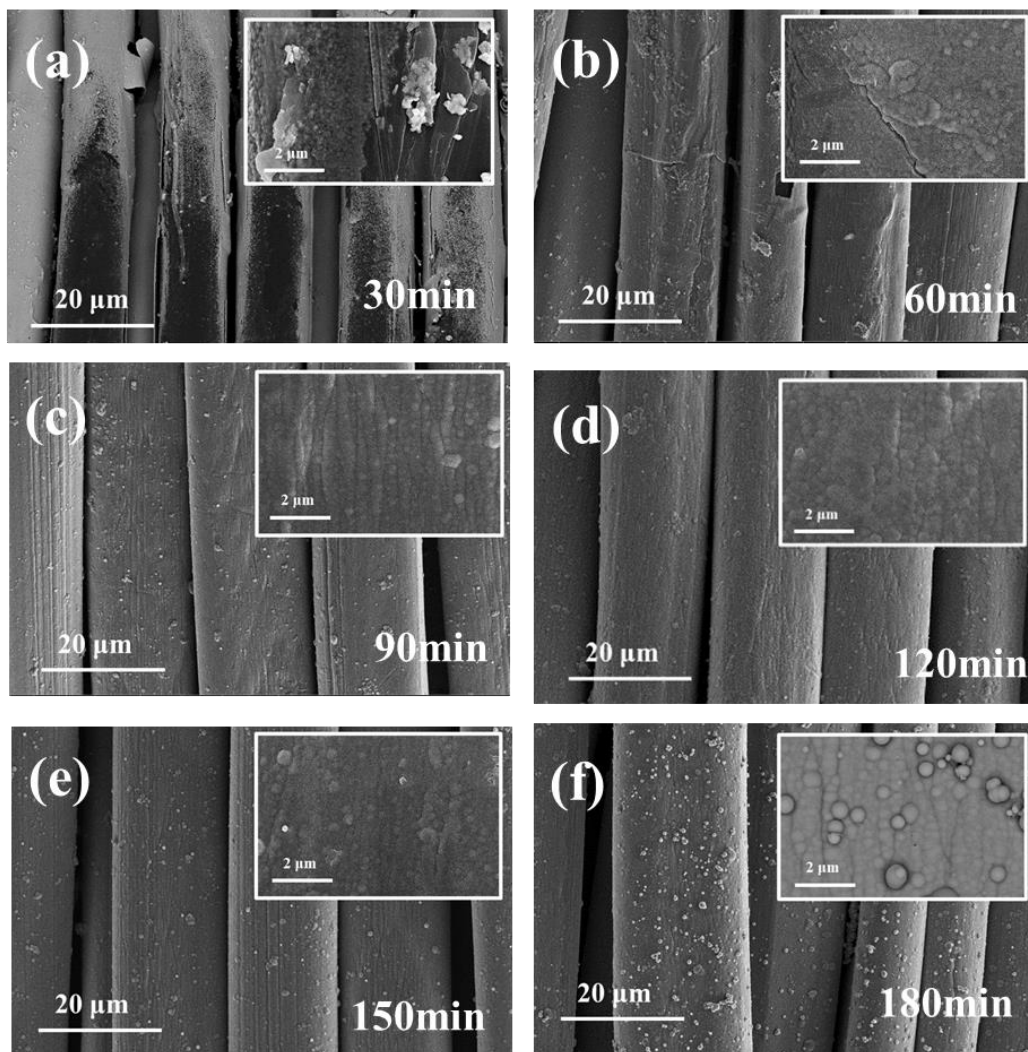


Fig. S3 SEM images of the Kevlar[®]@Ni-P-B fabrics at different plating times.

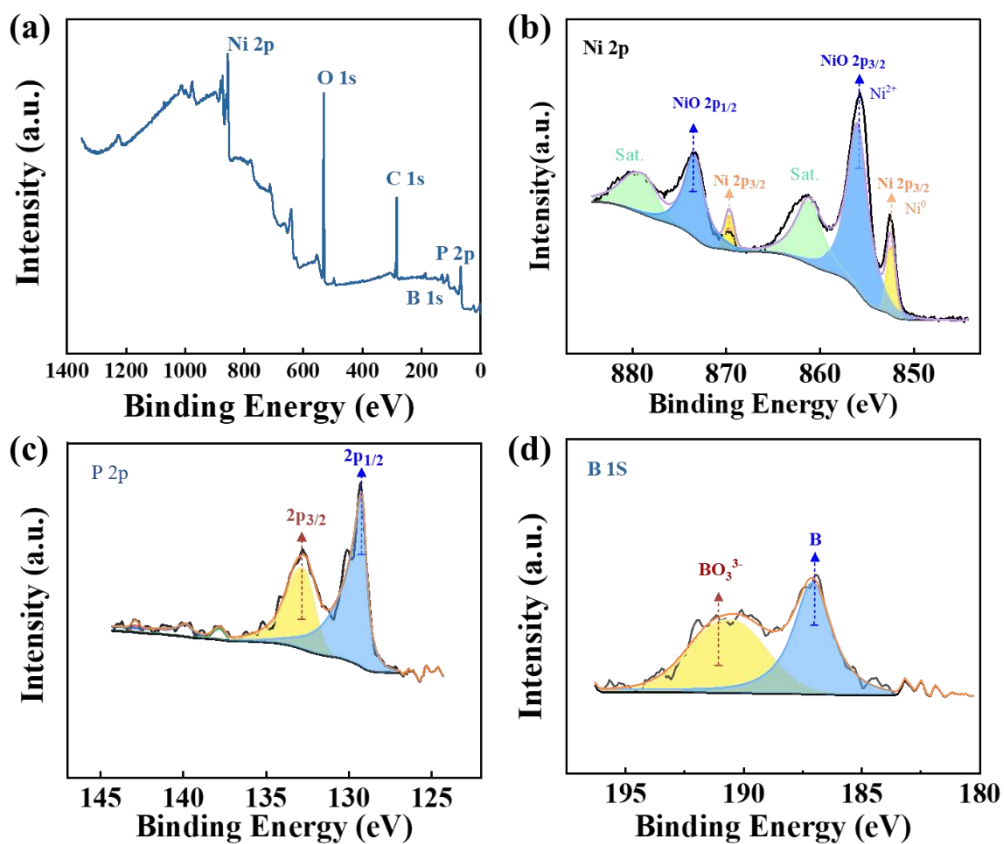


Fig. S4 XPS patterns of the Kevlar®@120-Ni-P-B fabric.

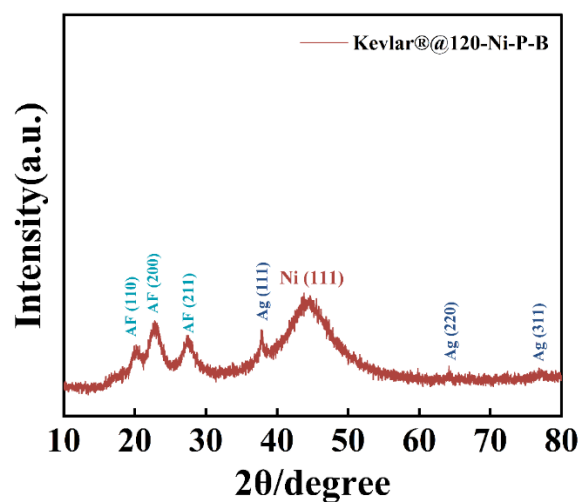


Fig. S5 XRD pattern of the Kevlar®@120-Ni-P-B fabric.

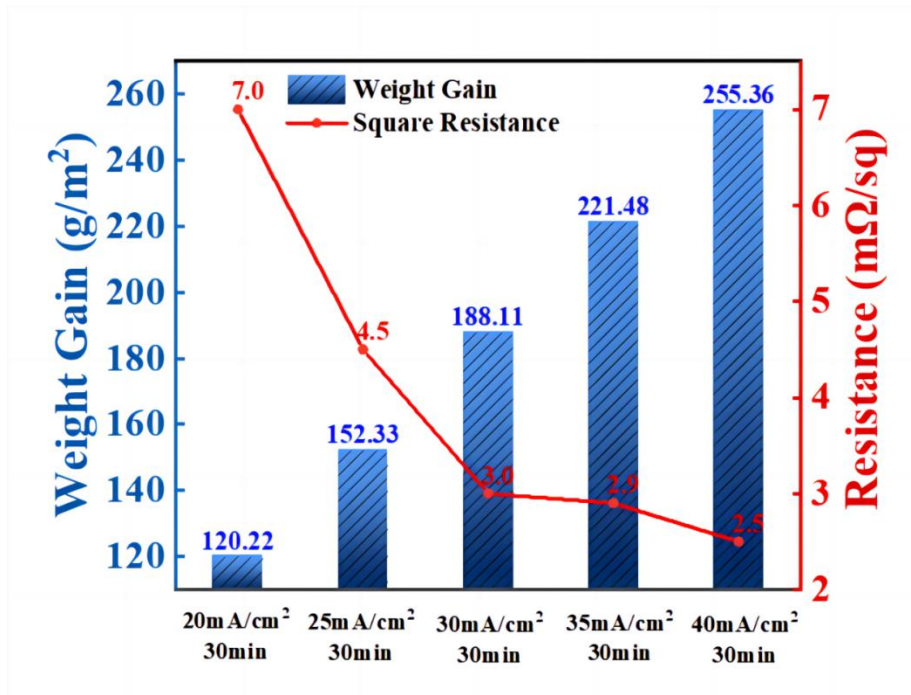


Fig. S6 Effects of current density on weight gain and electrical resistance of the Kevlar[®]@Ni-P-B@Cu fabric.