Supplementary Material

A novel eco-friendly strategy on interfacial modification of carbon fiber reinforced polymer composite via chitosan encapsulation

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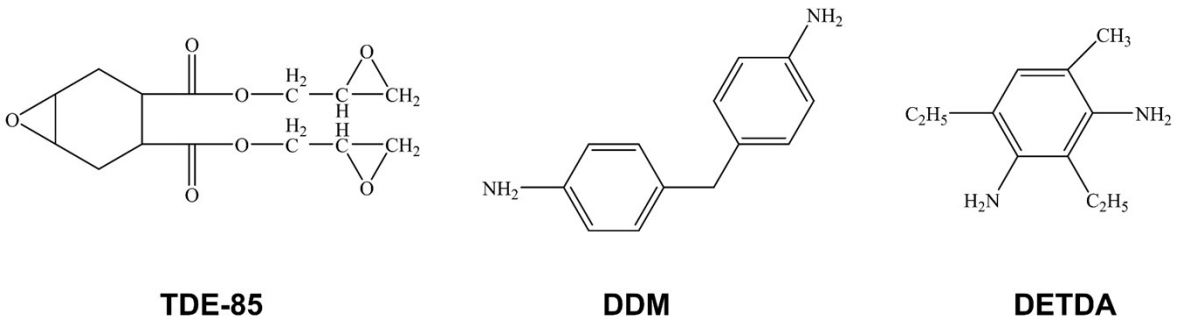

Fig. S1 The structural formula of epoxy resin and curing agent in this study.

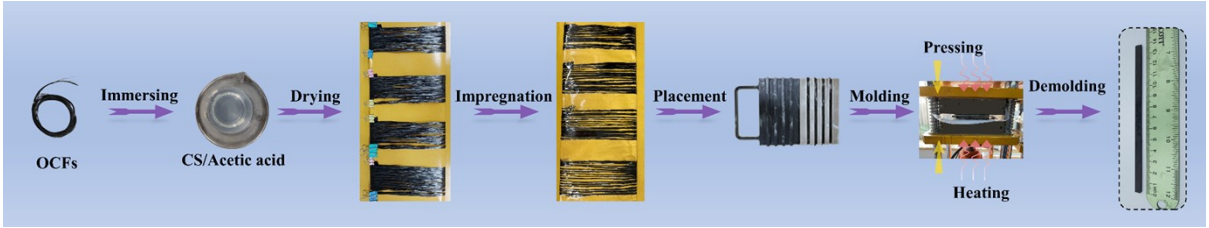

Fig. S2 The optical images of sizing and fabricating unidirectional CFRPs composites.

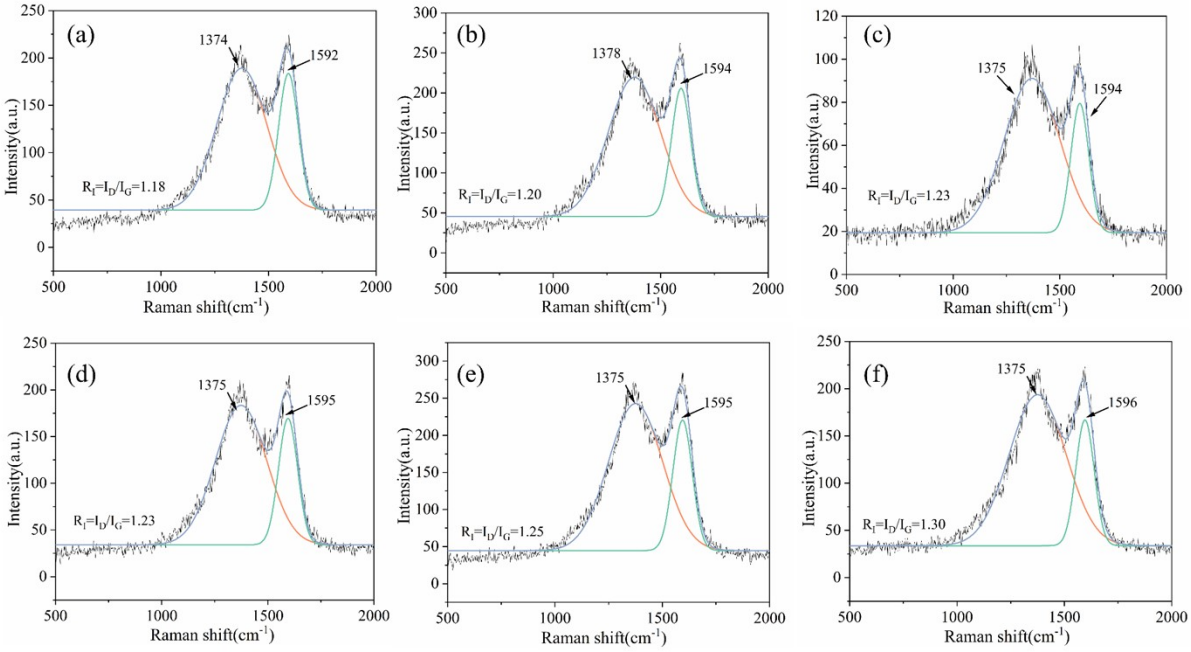

Fig. S3 Raman spectra and R_I of a) DCFs, b) OCFs, c) OCFs-CS1, d) OCFs-CS2, e) OCFs-CS3, and f) OCFs-CS4.

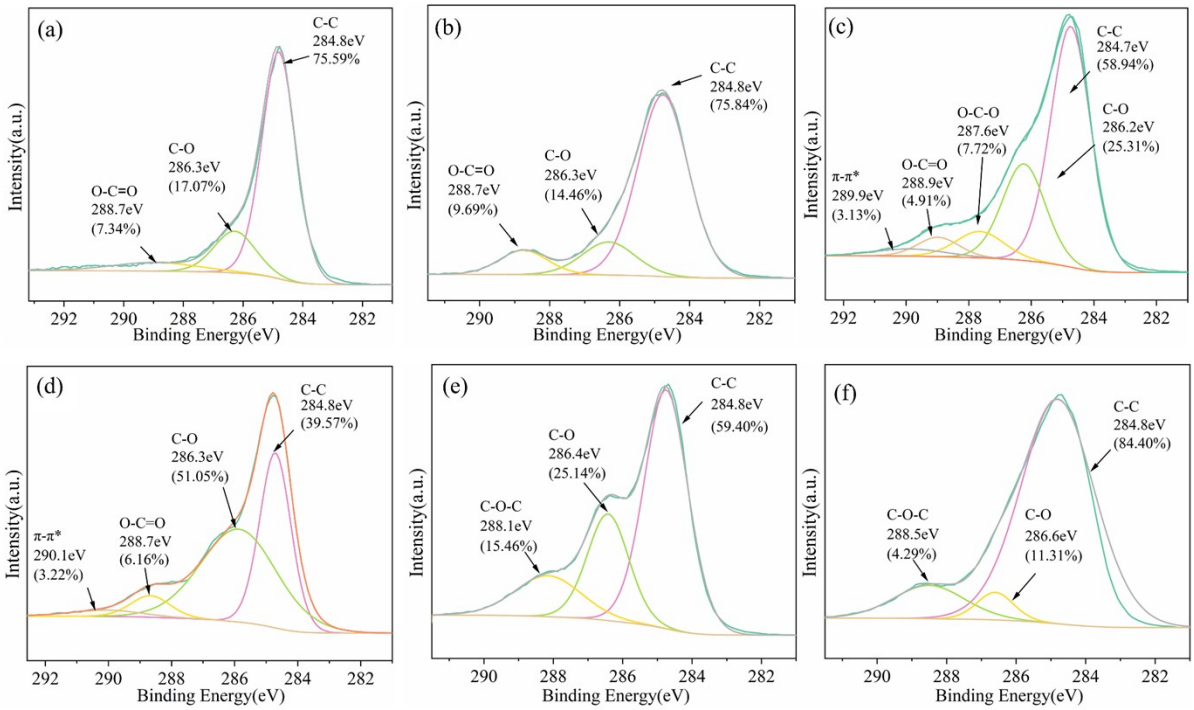

Fig. S4 C1s of a) DCFs, b) OCFs, c) OCFs-CS1, d) OCFs-CS2, e) OCFs-CS3, and f) OCFs-CS4.

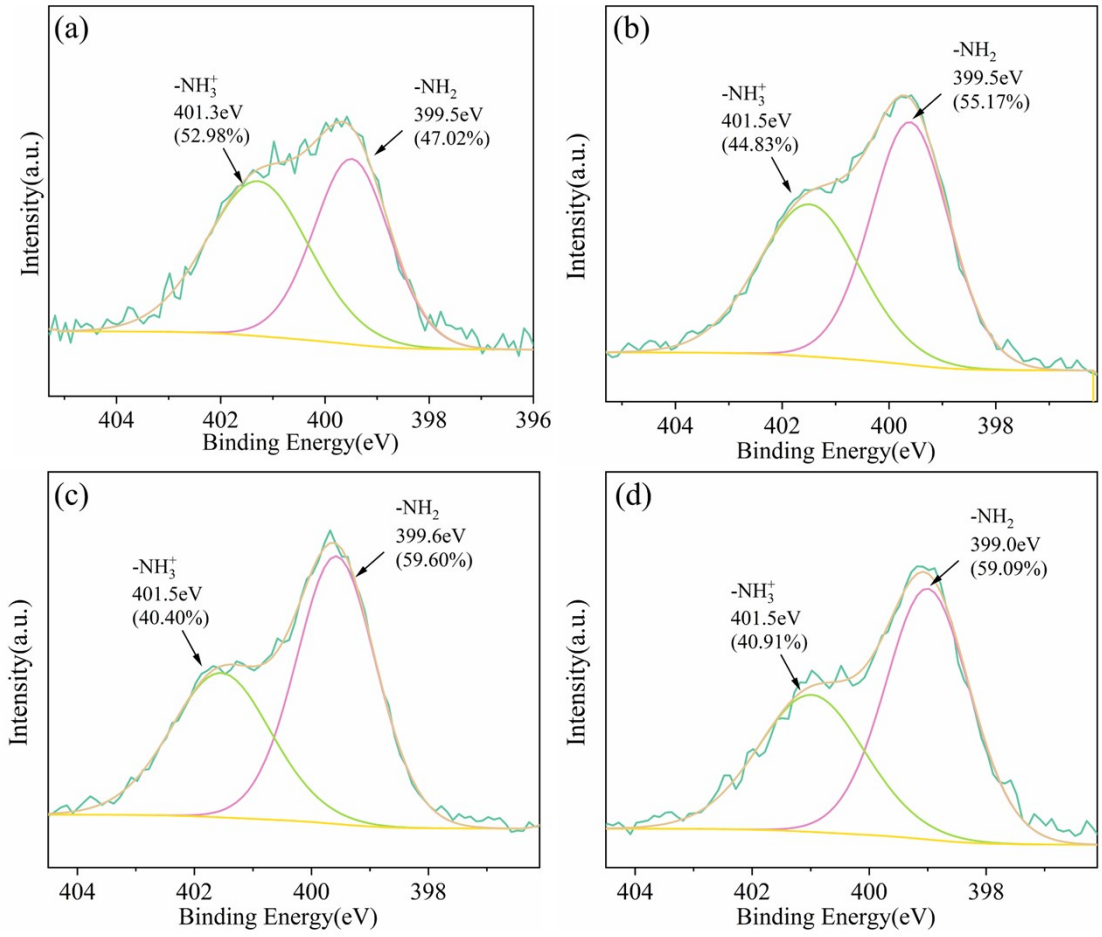

Fig. S5 N1s of a) OCFs-CS1, b) OCFs-CS2, c) OCFs-CS3, and d) OCFs-CS4.