

Supporting information

Anti-degradable gelatin films crosslinked by active ester based on cellulose

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Figure captions:

Fig. S1 The $^1\text{H-NMR}$ spectra of EDTAD

Fig. S2 The FTIR spectrum of EDTAD

Fig. S3 The FTIR spectra of MCC, ME and MEN

Fig. S4 TGA (1) and DSC (2) curves of MCC, ME and MEN

Fig. S5 Photos of water contact angles of gelatin films

a Gel, b Gel-15%MEN, c Gel-25%MEN

Fig. S6 Light transmission of films at selected wavelengths

(1) light transmission of different Gel-MEN films

(2) light transmission comparison of Gel-MEN and Gel/MCC films

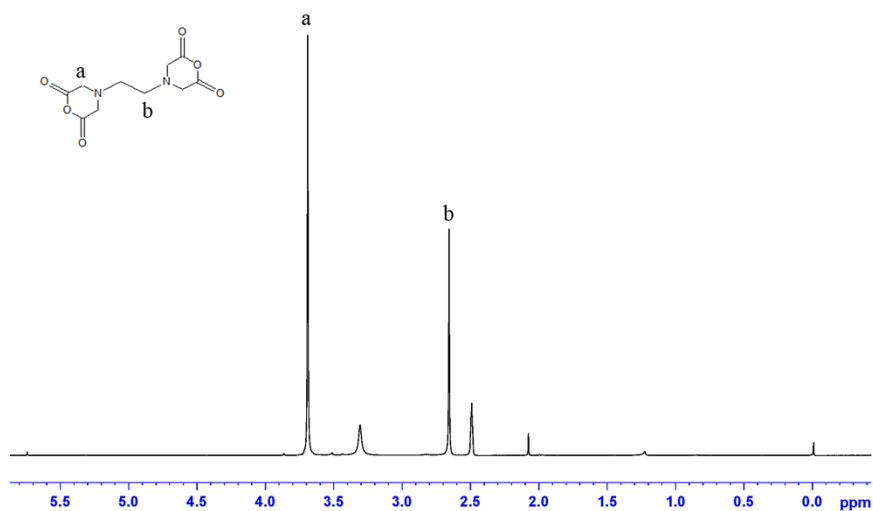


Fig. S1 The ¹H-NMR spectrum of EDTAD

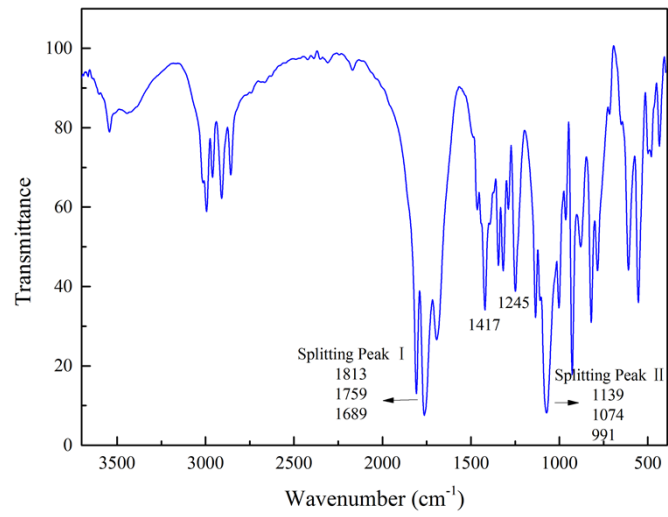


Fig. S2 The FTIR spectra of EDTAD

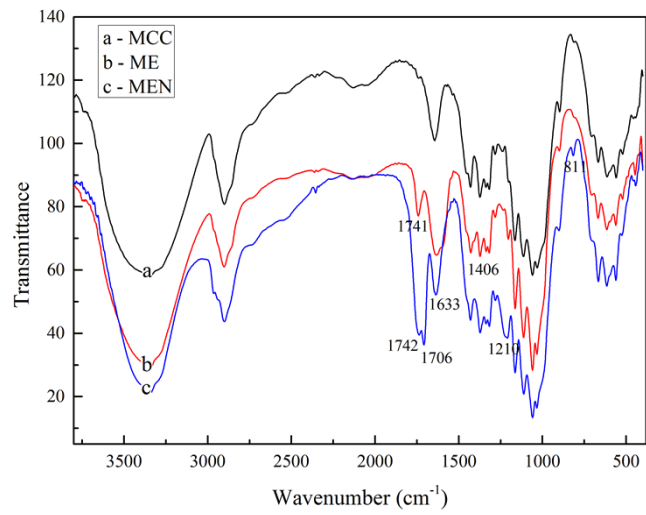


Fig. S3 The FTIR spectra of MCC, ME and MEN

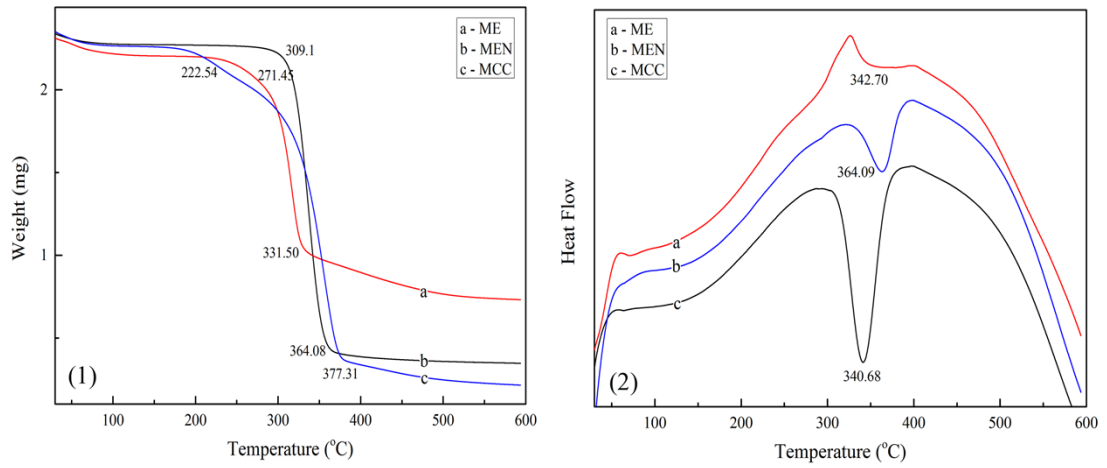


Fig. S4 TGA (1) and DSC (2) curves of MCC, ME and MEN

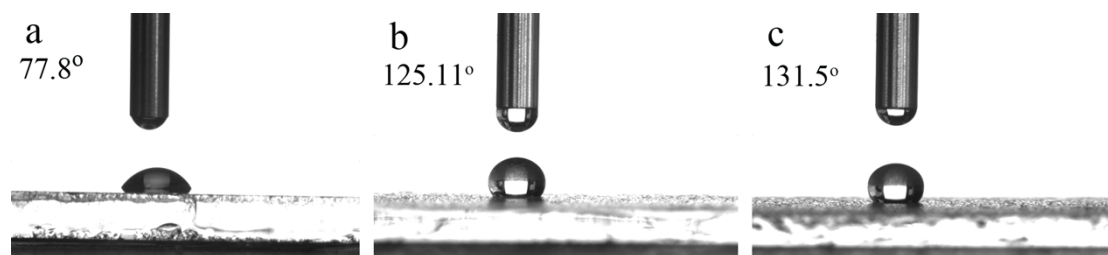


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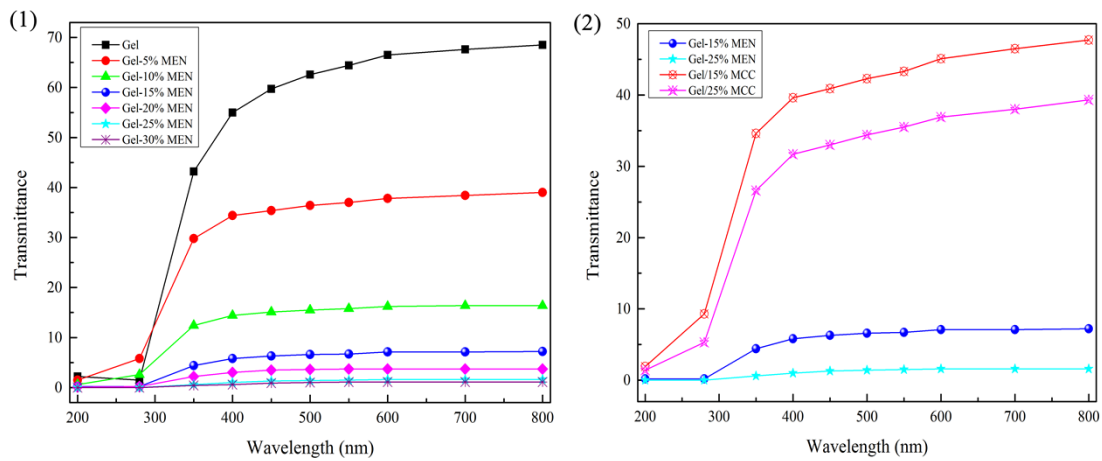


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