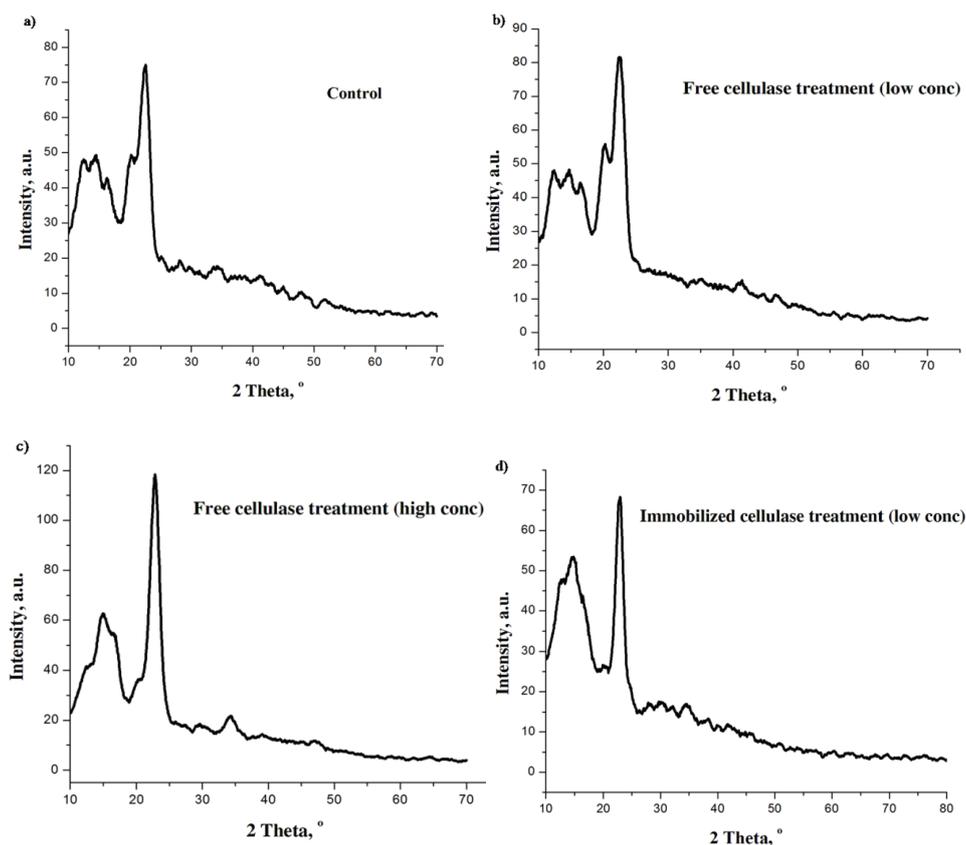


SUPPLEMENTARY MATERIAL TO  
**Effect of biopolishing on structural degradation and physical properties of cellulose**

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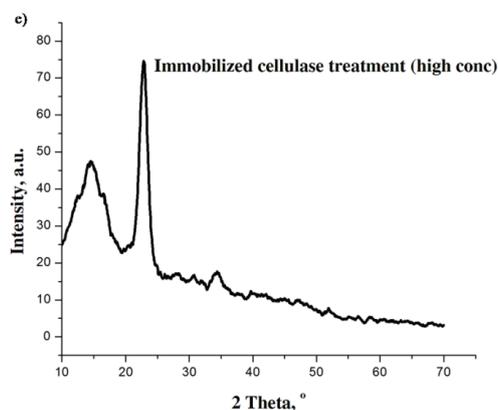


Fig. S-1. XRD spectra of a) Control fabric, b) Fabric treated with 1% concentration of free cellulase, c) Fabric treated with 3% concentration of free cellulase, d) Fabric treated with 1% concentration of immobilized cellulase, and e) Fabric treated with 3% concentration of immobilized cellulase.

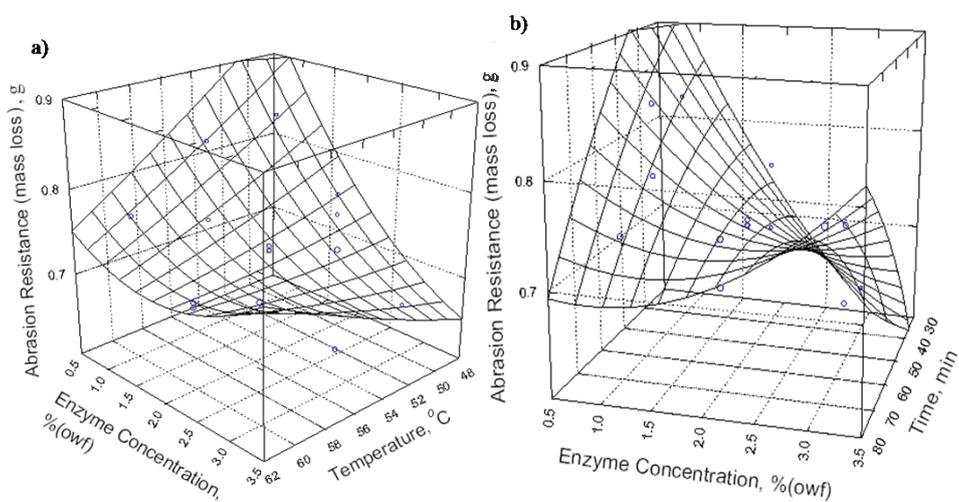


Fig. S-2. a) Effect of free cellulase concentration and temp on abrasion resistance b) Effect of free cellulase concentration and time on abrasion resistance.

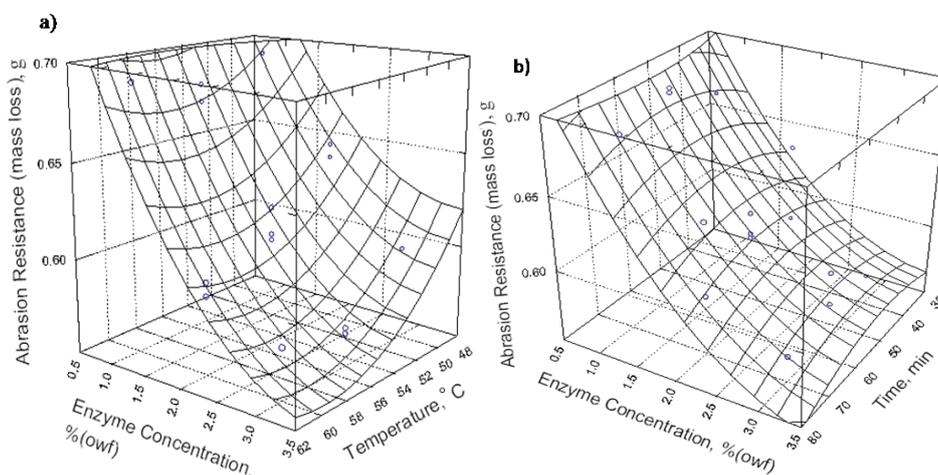


Fig. S-3. a) Effect of immobilized cellulase concentration and temperature on abrasion resistance b) Effect of immobilized cellulase concentration and time on abrasion resistance.

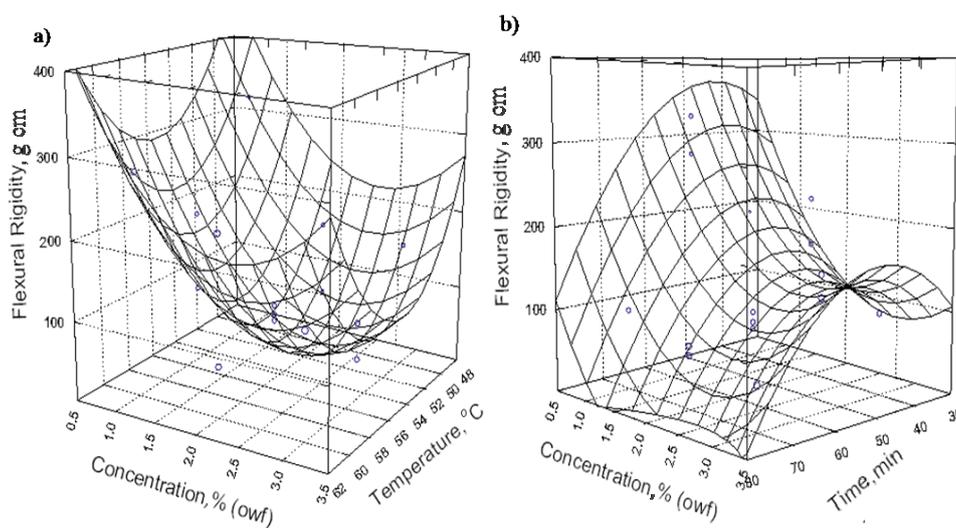


Fig. S-4. a) Effect of free cellulase concentration and temperature on flexural rigidity, b) Effect of free cellulase concentration and time on flexural rigidity.

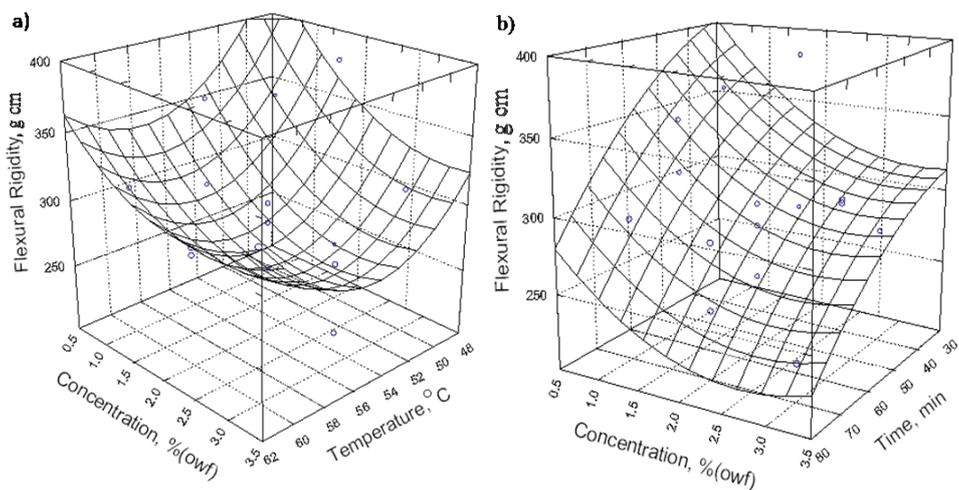


Fig. S-5. a) Effect of immobilized cellulase concentration and temperature on flexural rigidity, b) Effect of immobilized cellulase concentration and time on flexural rigidity.