

Supplementary Material

Deep eutectic solvent assisted mechano-enzymatic preparation for reprocessible hot-melting starch: a comprehensive analysis of molecular structure and thermal properties

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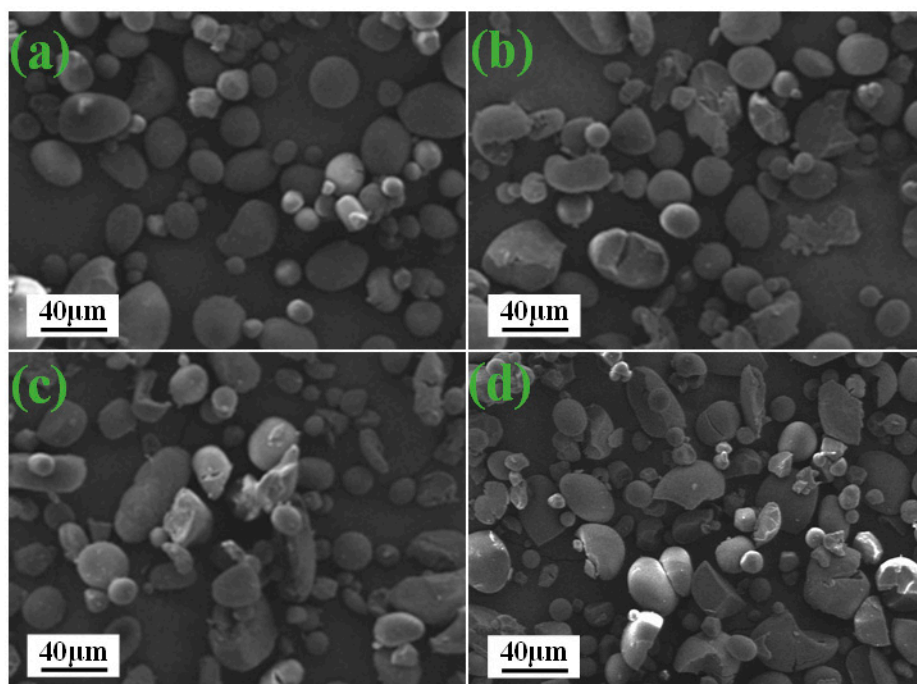


Figure S1. SEM diagram of starch after different milling time: (a)10 min, (b)20 min, (c)30 min, (d)40 min.

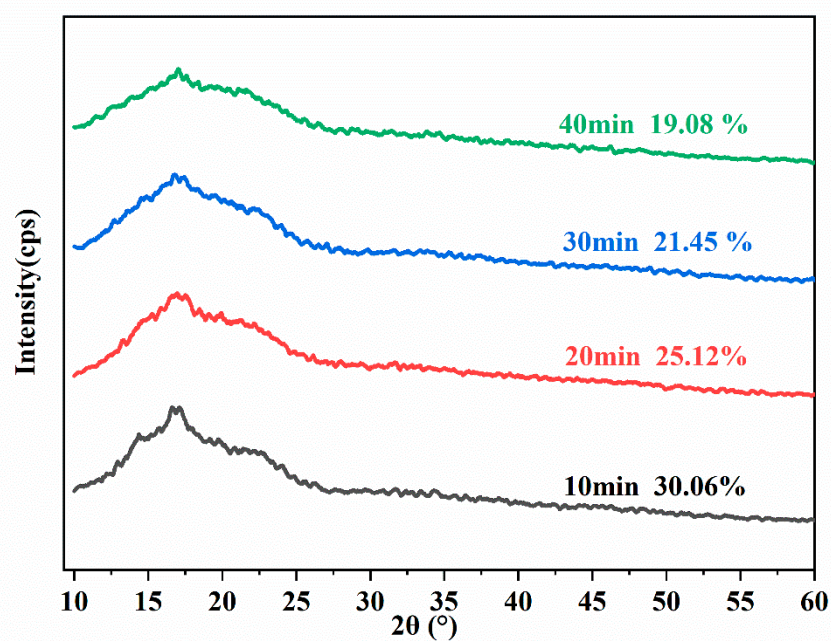


Figure S2. XRD pattern of starch after different milling time.

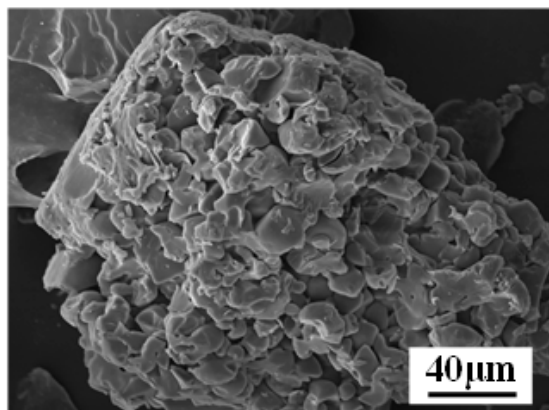


Figure S3. Morphology of starch particles after enzymatic hydrolysis.

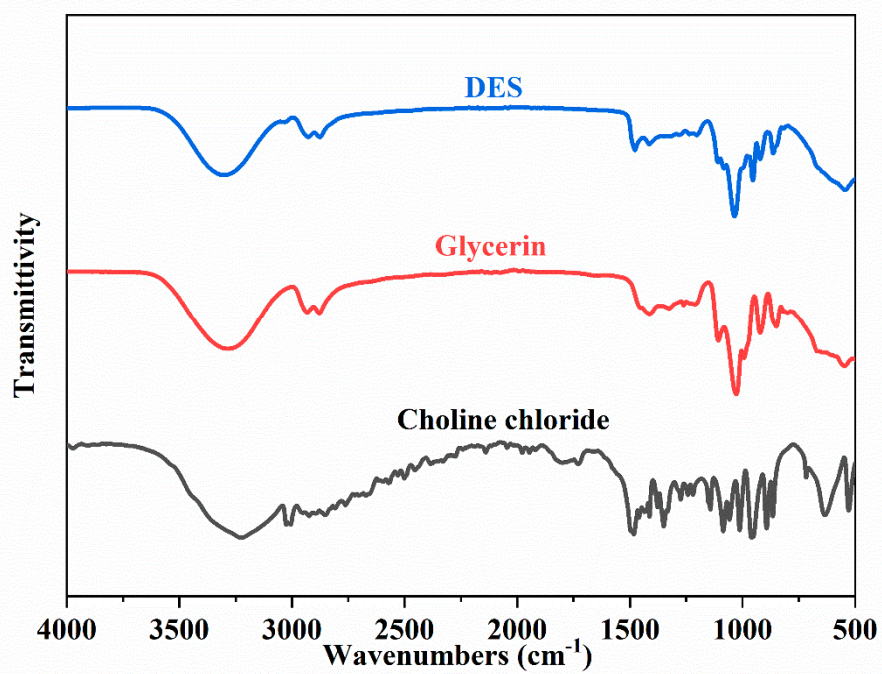


Figure S4. FTIR of choline chloride, glycerin, and DES.

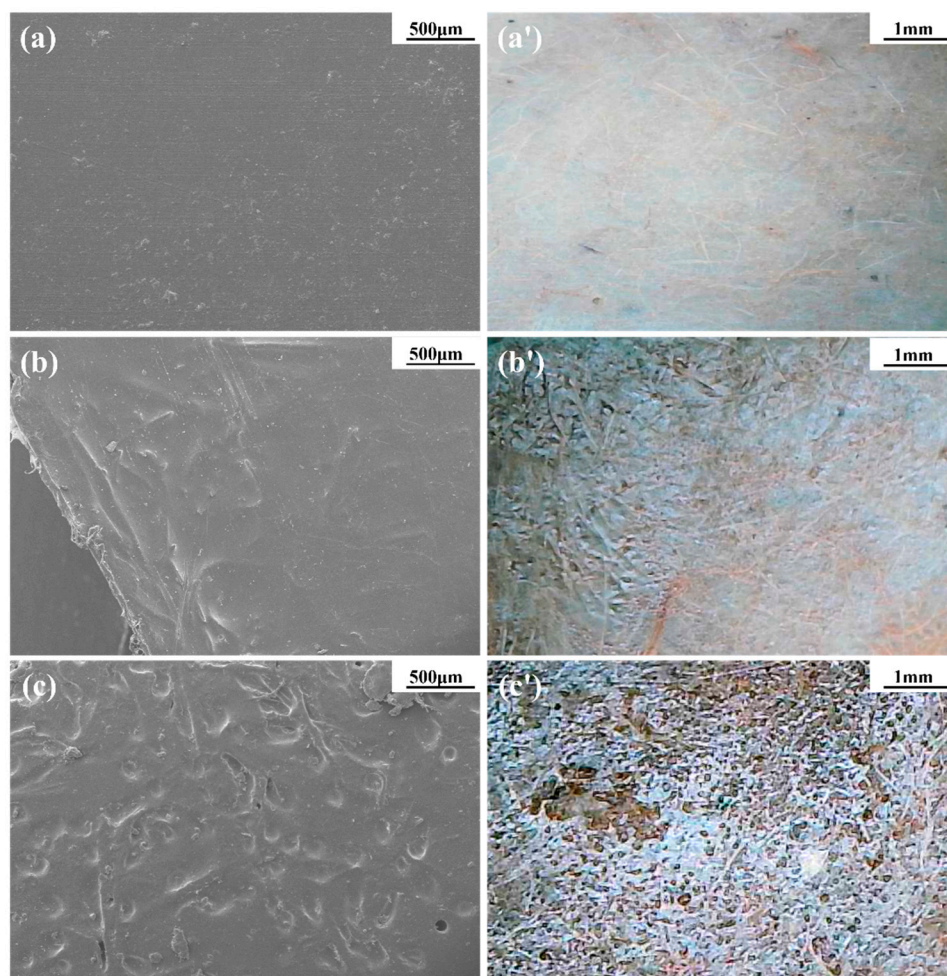


Figure S5. SEM images and physical images of the surface structure of (a, a') HMS-0, (b, b') HMS-50 and (c, c') HMS-100