

Parameter Study for TPU Nanofibers Fabricated via Centrifugal Spinning

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Abstract : Electrospinning is the most common method to produce nanofibers. However, low production rate is still a big challenge for industrial applications of this method. In this study, morphology of nanofibers obtained from namely centrifugal spinning was investigated. Dominant process parameters acting on the fiber diameter and fiber orientation were discussed.

Keywords : centrifugal spinning, electrospinning, nanofiber, TPU nanofibers

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