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Synthesis and characterization of polyvinyl alcohol (PVA) nanofibers by electrospinning method (10% - 15%)

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Abstract

Poly vinyl alcohol (PVA) nanofibers with Various concentrations (10-15%) have been synthesized successfully via an electro-spinning technique at room temperature The structures and morphologies of the prepared samples were investigated by, X-ray diffraction (XRD), field emission scanning electron microscopy (FE-SEM), Fourier transform infrared spectroscopy (FTIR).

Keywords: “Poly vinyl alcohol”, “electro-spinning”, “PVA”, “structures”.

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