

TableS1. A comparison of the viscosity (in mPa.s) of PS solution with different mixing ratio of DMF and THF solvents

DMF:THF	PS Concentration (wt. %)					
	0	10	20	30	14	14
	Reported Values in Ref. [18]				Predicted value as per Ref. [18]	Experiment
0:100	0.44	37	297	2069	84.8	81.2
100:0	0.79	24	210	924	58.3	54

TableS2. Fractional solubility parameters of binary solvent mixed in different ratios for electrospinning PS solution

Solvent ratio (DMF:THF)	$100f_d$	$100f_p$	$100f_h$
0:100	55	19	26
30:70	50.8	22.9	29.3
50:50	48	25.5	31.5
70:30	45.2	28.1	33.7
100:0	41	32	37