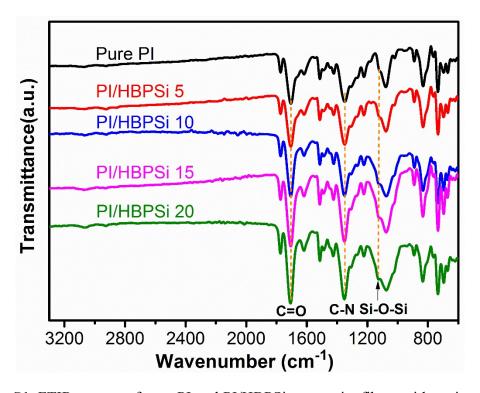
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Novel Low- $\kappa$  Polyimide Fibers with Simultaneously Excellent UV-resistance and Surface Activity by Chemically Bonded Hyperbranched Polysiloxane

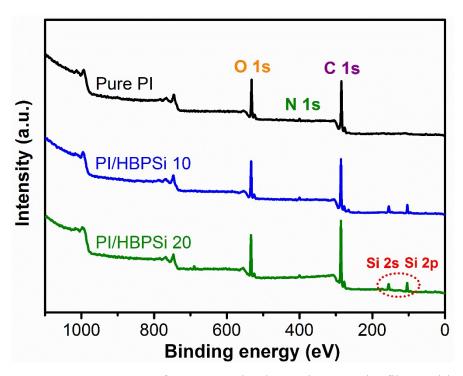
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**Figure S1**. FTIR spectra of pure PI and PI/HBPSi composite fibers with various filler loadings



**Figure S2**. XPS survey scans of pure PI and PI/HBPSi composite fibers with various HBPSi content.