

Supporting Information

Transition of Polyimide/ α -Fe₂O₃ to Polyimide/Fe₃O₄ Nanocomposite Films by Adjusting Thermal Treatment Surroundings of Ion-exchanged films

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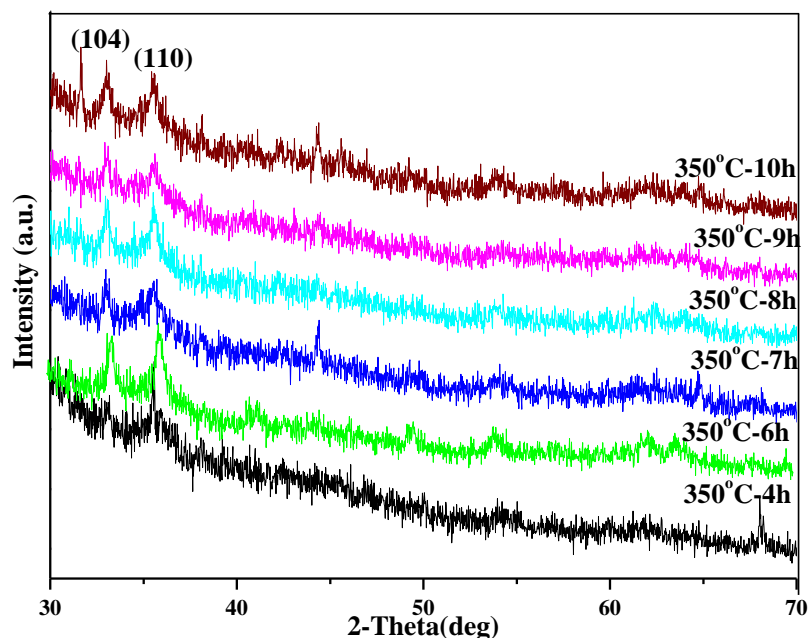


Figure S1 XRD patterns for the PI/iron oxide composite films obtained in different thermal treatment stages



Figure S2 photograph shows that PI/ α -Fe₂O₃ (left) can not, but PI/Fe₃O₄ (right) composite films can be attracted by a permanent magnet. The composite films are hung freely under an iron support with a permanent magnet in the middle.