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Pyromellitic dianhydride-based polyimide anodes for sodium-ion batteries

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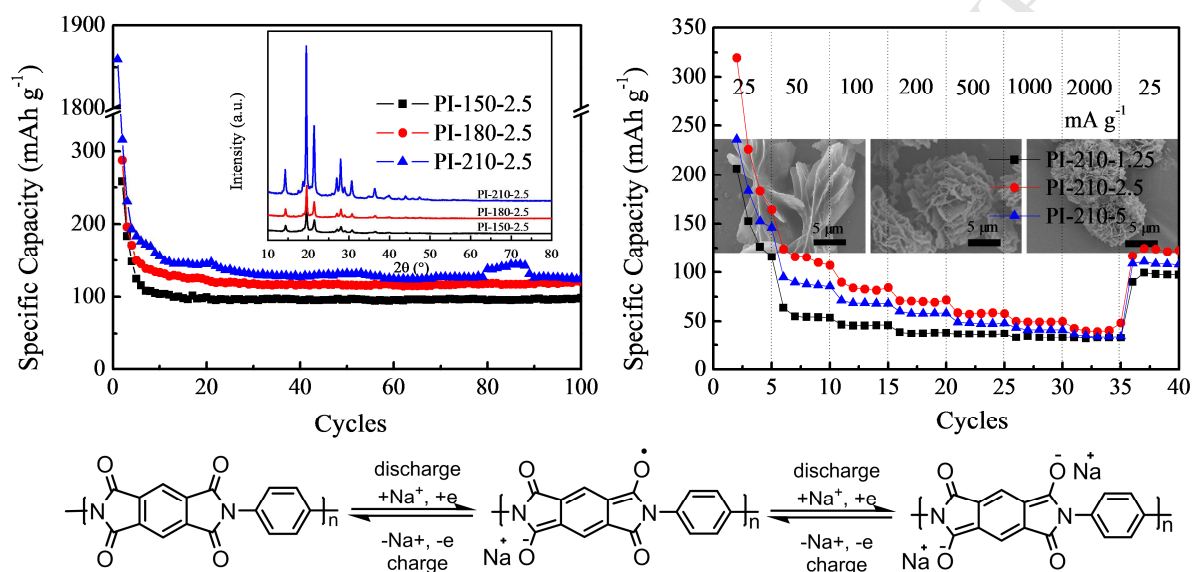
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Graphical abstract

Pyromellitic dianhydride-based polyimides $[C_{16}H_6O_4N_2]_n$ with different crystallinity and morphology were synthesised by simple one-step hydrothermal method. The electrochemical performance and sodium storage mechanism of the polyimide-based organic electrode as anode for sodium-ion batteries were investigated.



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