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New comonomer for polyacrylonitrile-based carbon fiber: Density functional theory study and experimental analysis

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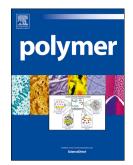
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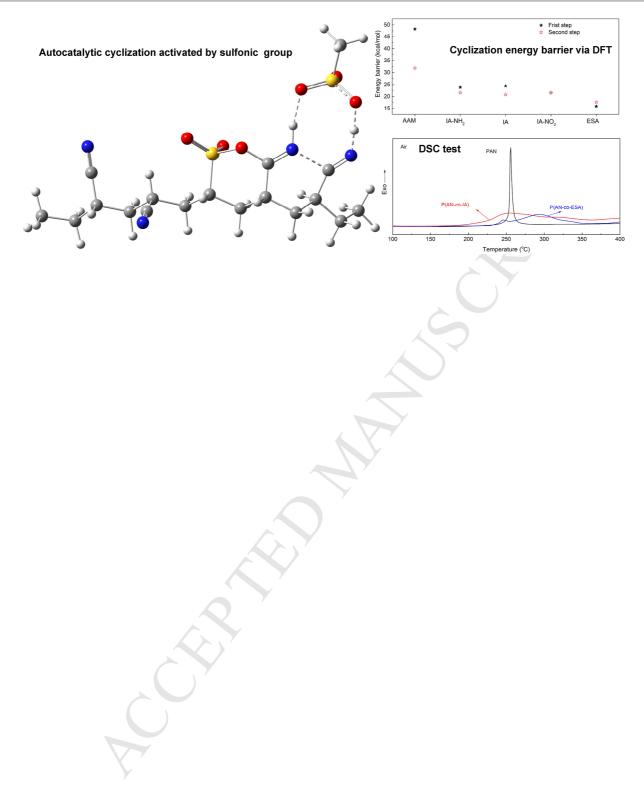
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