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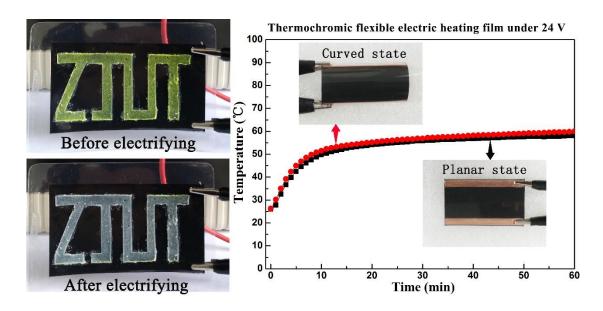
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N991/MWCNTs/PEO composite films with nano SiO₂ particles as filler for advanced flexible electric heating elements

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Graphical Abstract



Electrothermal composites composed of PEO as polymer matrix, pyrolysis N991/MWCNTs as conductive filler and nano sized SiO_2 particles as non-conductive filler were used to fabricate flexible electric heating films with thermochromic function.

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