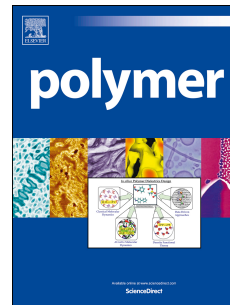


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Effect of multiwalled carbon nanotube-grafted polymer brushes on the mechanical and swelling properties of polyacrylamide composite hydrogels

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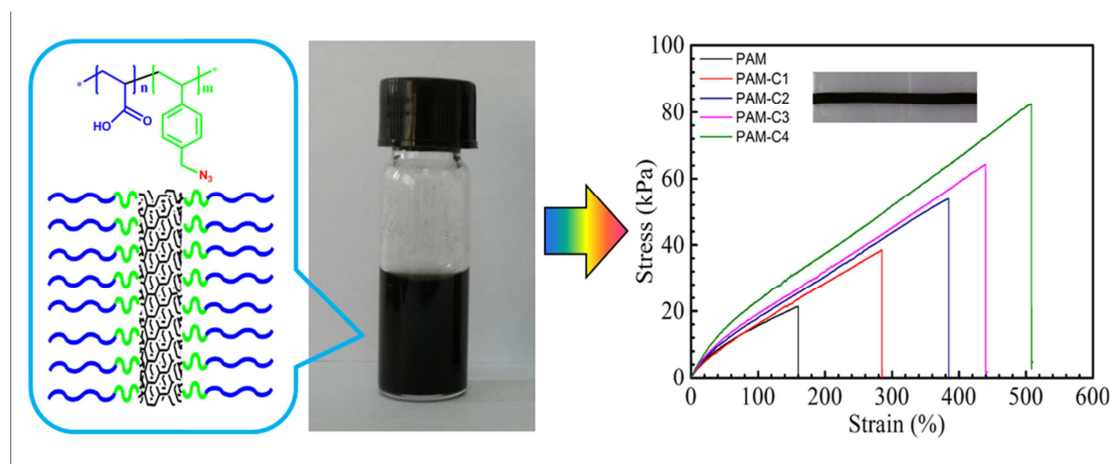
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Graphical Abstract



Multiwalled carbon nanotube based polyacrylamide composite hydrogels with high strength were prepared by using multiwalled carbon nanotube-grafted polymer brushes and acrylamide through in situ polymerization.

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