

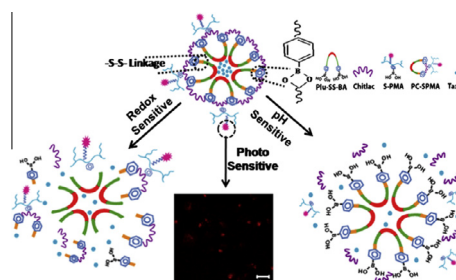


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MACROMOLECULAR NANOTECHNOLOGY

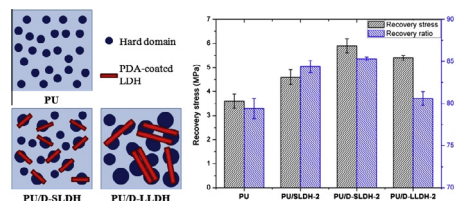
pH/redox/photo responsive polymeric micelle via boronate ester and disulfide bonds with spiropyran-based photochromic polymer for cell imaging and anticancer drug delivery

Eur Polym J 57 (2014) 1

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Shape memory polyurethane with polydopamine-coated nanosheets: Simultaneous enhancement of recovery stress and strain recovery ratio and the underlying mechanisms

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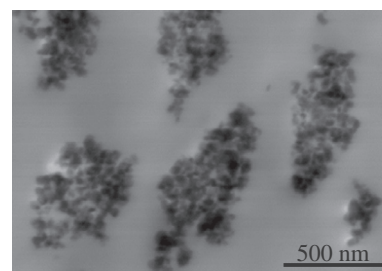
Si Lei Phua^a, Liping Yang^b, Shu Huang^a, Guoqiang Ding^a, Rui Zhou^a, Jun Heng Lew^a, Soo Khim Lau^c, Xiaowen Yuan^c, Xuehong Lu^a^aSchool of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Singapore^bInstitute of Chemical & Engineering Sciences, 1 Pesek Road, Jurong Island, Singapore 627833, Singapore^cSingapore Institute of Manufacturing Technology, 71 Nanyang Drive, Singapore 638075, Singapore

Development of poly-(ethylene terephthalate) masterbatches incorporating highly dispersed TiO₂ nanoparticles: Investigation of morphologies by optical and rheological procedures

Eur Polym J 57 (2014) 75

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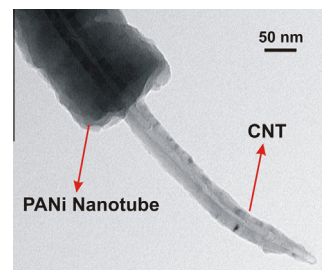
Carbon nanotube–polyaniline nanotube core–shell structures for electrochemical applications

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Gedela V. Ramana^a, Vadali V.S.S. Srikanth^a, Balaji Padya^b, Pawan K. Jain^b

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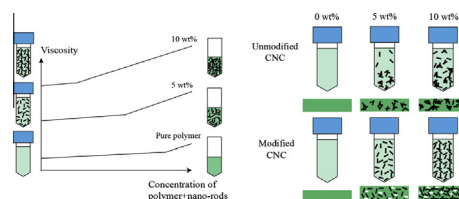
A mechanistic approach to explain the relation between increased dispersion of surface modified cellulose nanocrystals and final porosity in biodegradable films

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Effect of network mesh size on the thermo-mechanical properties of epoxy nanocomposites with the heavier homologue of POSS, the inorganic butylstannoxane cages

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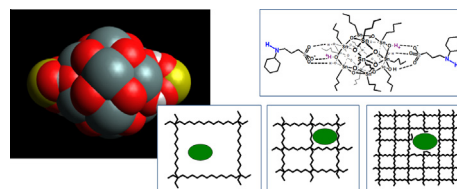
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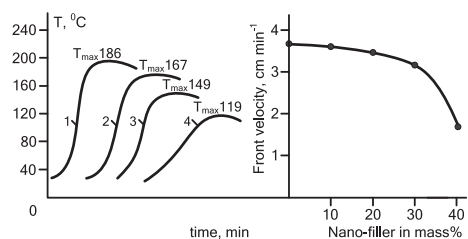
Frontal copolymerization in the presence of nano-particles

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