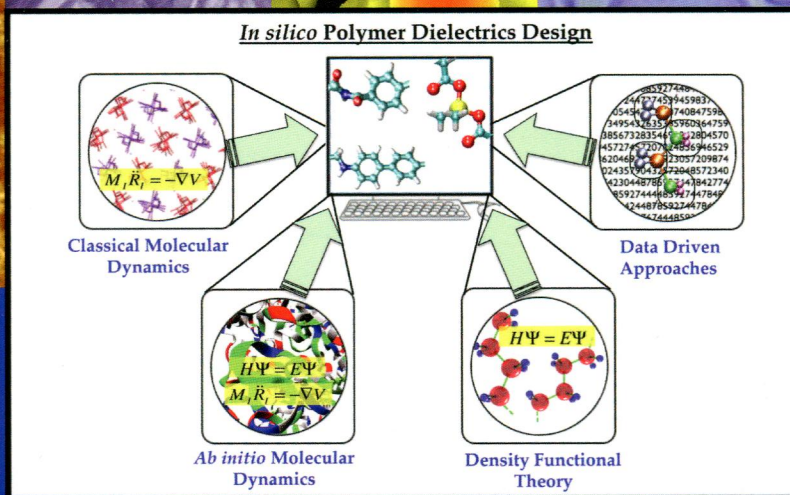
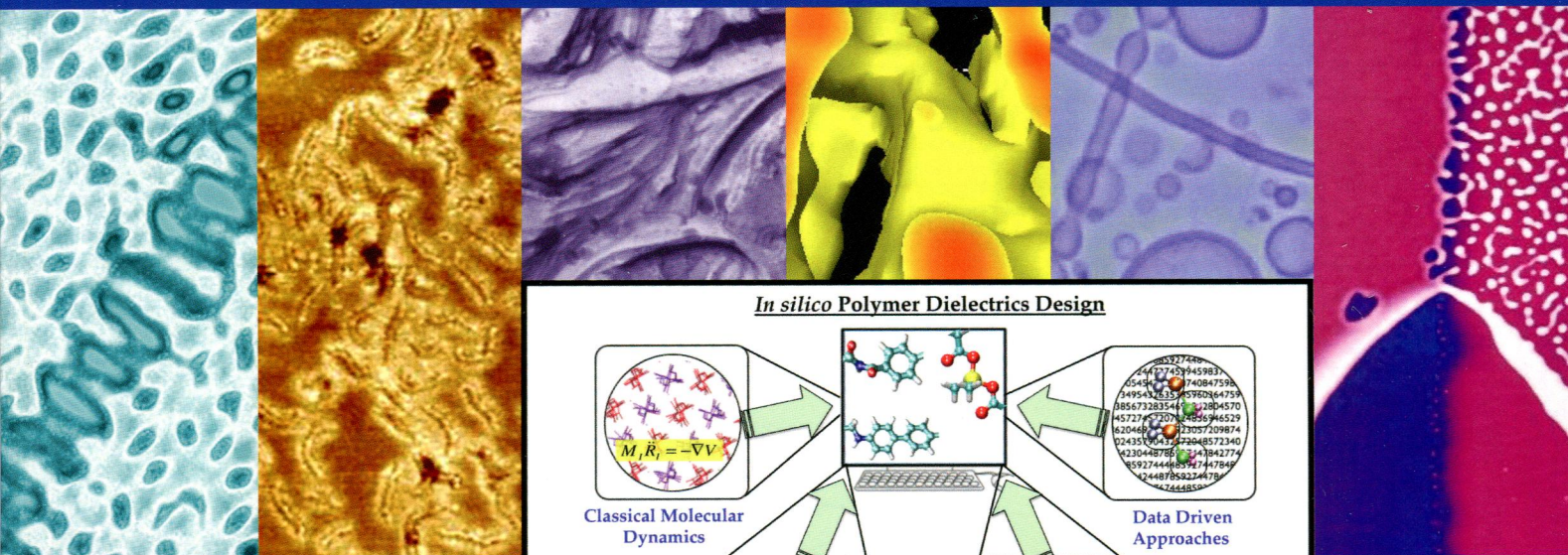


polymer



A universal route towards thermoplastic lignin composites with improved mechanical properties

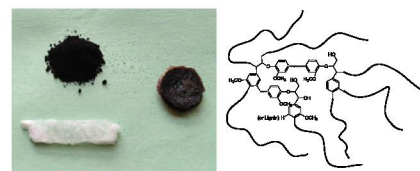
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Effects of unsaturation and different ring-opening methods on the properties of vegetable oil-based polyurethane coatings

pp 1004–1011

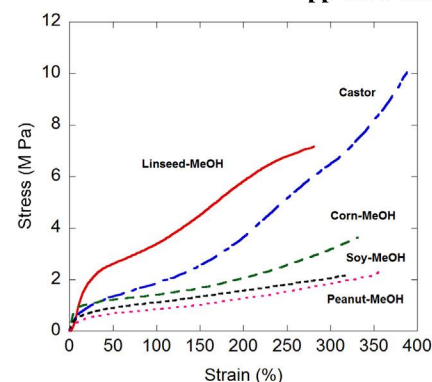
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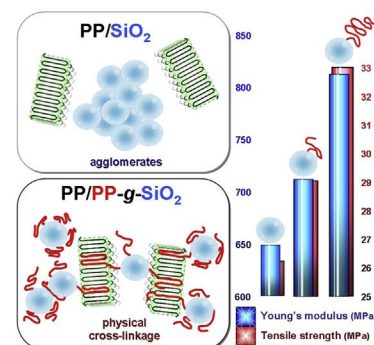


Polypropylene-grafted nanoparticles as a promising strategy for boosting physical properties of polypropylene-based nanocomposites

pp 1012–1019

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Piperazine-based polyurethane-ureas with controllable degradation as potential bone scaffolds

pp 1020–1027

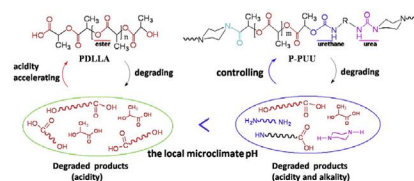
Changshun Ruan^{a,b}, Nan Hu^c, Yang Hu^{a,b}, Lixin Jiang^{a,b}, Qingqing Cai^{a,b}, Huaiyu Wang^{a,b}, Haobo Pan^{a,b,*}, William W. Lu^{a,b,d}, Yuanliang Wang^{c,**}

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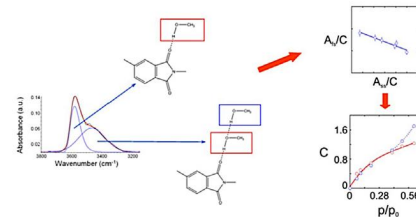
Methanol diffusion in polyimides: A molecular description

pp 1028–1039

Michele Galizia^a, Pietro La Manna^{a,b}, Marianna Pannico^b, Giuseppe Mensitieri^a, Pellegrino Musto^{b,*}

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Effect of polymer structure on the molecular dynamics and thermal behavior of poly(allyl acetoacetate) and copolymers

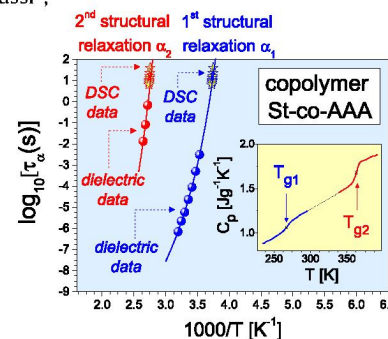
pp 1040–1047

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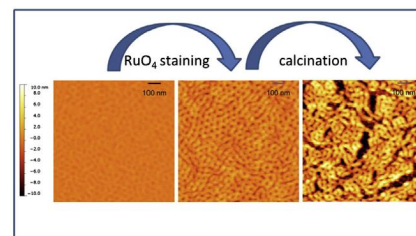


Ruthenium staining for morphological assessment and patterns formation in block copolymer films

pp 1048–1054

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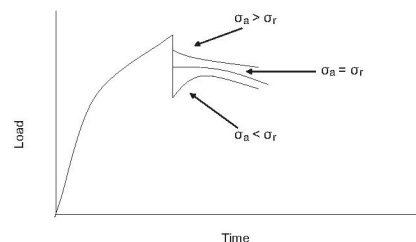


Shape memory and stress relaxation behaviour of oriented mono-dispersed polystyrene

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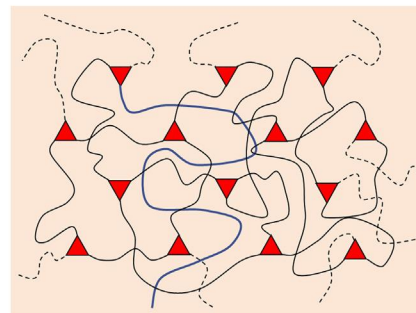
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Dynamic response of transiently trapped entanglements in polymer networks

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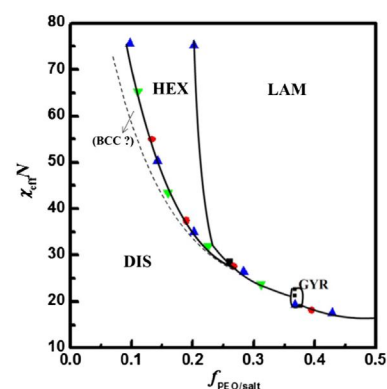
Diana C. Agudelo^a, Leandro E. Roth^a, Daniel A. Vega^{b,*}, Enrique M. Vallés^a, Marcelo A. Villar^a^aDepartment of Chemical Engineering, Planta Piloto de Ingeniería Química, Camino La Carrindanga Km. 7, Universidad Nacional del Sur, CONICET, CC 717, 8000 Bahía Blanca, Argentina^bDepartment of Physics, Instituto de Física del Sur (IFISUR), Universidad Nacional del Sur, CONICET, Av. L.N. Alem 1253, 8000 Bahía Blanca, Argentina

Phase behavior of LiClO₄-doped poly(ε-caprolactone)-*b*-poly(ethylene oxide) hybrids in the presence of competitive interactions

pp 1070–1077

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