

# CITATION REPORT

List of articles citing

**Stress-strain behavior of styrene-acrylonitrile/glass bead composites in the glassy region**

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#	Paper	IF	Citations
458	Strength of particulate composite. <i>Polymer Engineering and Science</i> , <b>1973</b> , 13, 469-469	2.3	80
457	Mechanical behaviour and permeability of ABS/glass bead composites. <b>1973</b> , 14, 21-26		36
456	Structure property relations in short-fiber reinforced plastics. <b>1973</b> , 3, 419-450		34
455	Yielding Behavior of Particulate Reinforced Polyphenylene Oxide Polymers. <b>1973</b> , 2, 251-260		7
454	Mechanical Properties and Characterization of Phenolic Resin Syntactic Foams. <b>1974</b> , 10, 237-244		45
453	Influence of pigmentation on the mechanical properties of paint films. <b>1974</b> , 2, 237-267		23
452	The Effect of Particles Shape on Tensile Properties of Glassy Thermoplastic Composites. <b>1974</b> , 3, 229-243		71
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170	Polymeric Blends with Biopolymers. <b>2013</b> , 143-171		
169	Mechanical and thermal properties of nanosized titanium dioxide filled rigid poly(vinyl chloride). <b>2013</b> , 31, 325-332		24
168	High-temperature superconducting ceramic nanocomposites. <b>2013</b> , 284-322		1
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161	The Effect of Nanoparticles Percentage on Mechanical Behavior of Silica-Epoxy Nanocomposites. <b>2013</b> , 2013, 1-10		58
160	Influence of Filler Incorporation on Mechanical Properties for Polypropylene/Elastomer/Filler Ternary Composite. <i>Kobunshi Ronbunshu</i> , <b>2014</b> , 71, 263-271	0	
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157	Mechanical Properties of Thermoplastic Protein From Bloodmeal and Polyester Blends. <i>Macromolecular Materials and Engineering</i> , <b>2014</b> , 299, 885-895	3.9	9
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150	Wood fiber reinforced multicomponent, multiphase PP composites: Structure, properties, failure mechanism. <i>Composites Science and Technology</i> , <b>2014</b> , 103, 106-112	8.6	20
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146	The Effects of Nano-SiO <sub>2</sub> on Mechanical, Barrier, and Moisture Sorption Isotherm Models of Novel Soluble Soybean Polysaccharide Films. <b>2015</b> , 11, 833-840		20
145	Processing and properties of phthalic anhydride modified soy protein/glycerol plasticized soy protein composite films. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	11
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140	Commingled nanocomposites of LDPE/PP/Nylon 6/EPDM reinforced with MWCNT and Kenaf Fiber with enhanced mechanical, thermal and flammability characteristics. <b>2015</b> , 4, 50-62		6
139	New models for yield strength of polymer/clay nanocomposites. <i>Composites Part B: Engineering</i> , <b>2015</b> , 73, 111-117	10	54
138	Study of mechanical, thermal, morphological, and process rheology of acrylonitrile styrene acrylate (ASA)/ Na <sup>+</sup> poly(ethylene-co-methacrylic acid) ionomer blend. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 1571-1579	2.3	4
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136	Structure and property of biodegradable soy protein isolate/PBAT blends. <i>Industrial Crops and Products</i> , <b>2015</b> , 74, 731-736	5.9	46

135	Mechanical Properties and Morphology of Poly(L-Lactic acid)/Nano-CaCO <sub>3</sub> Composites. <b>2015</b> , 23, 21-29		16
134	Reuse of EAF Slag as Reinforcing Filler for Polypropylene Matrix Composites. <b>2015</b> , 67, 1370-1378		14
133	Mechanical Properties of Epoxy Nanocomposites Using Alumina as Reinforcement - A Review. <b>2015</b> , 30, 9-38		21
132	Physico-mechanical behaviour of thermoplastic co-polyester elastomer/polytetrafluoroethylene composite with short fibers and microfillers. <b>2015</b> , 49, 2217-2229		21
131	Excellent impact strength of ethylene-methyl acrylate copolymer toughened polycarbonate. <b>2015</b> , 5, 87589-87597		12
130	Preparation and characterization of novel bionanocomposite based on soluble soybean polysaccharide and halloysite nanoclay. <b>2015</b> , 134, 745-51		61
129	Functional, thermal, and antimicrobial properties of soluble soybean polysaccharide biocomposites reinforced by nano TiO <sub>2</sub> . <b>2015</b> , 134, 726-31		81
128	Mechanical properties and flame-retardant of PP/MRP/Mg(OH) <sub>2</sub> /Al(OH) <sub>3</sub> composites. <i>Composites Part B: Engineering</i> , <b>2015</b> , 71, 74-81	10	40
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126	High density polyethylene/cenosphere composites reinforced with multi-walled carbon nanotubes: Mechanical, thermal and fire retardancy studies. <b>2015</b> , 65, 377-386		23
125	THE EFFECT OF FILLERS ON THE MECHANICAL PROPERTIES OF FILLED MATERIALS. <b>2016</b> , 467-531		6
124	Advanced Materials and Designs for Hydraulic, Earth, and Aerospace Structures. <b>2016</b> ,		
123	ORGANIZATION OF INTERFACE AND MATRIX CONTAINING FILLERS. <b>2016</b> , 415-465		0
122	Miscibility, UV resistance, thermal degradation, and mechanical properties of PMMA/SAN blends and their composites with MWCNTs. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	7
121	Tensile and Combustion Properties of PP/IFR/POE/nano-CaCO <sub>3</sub> Composites. <b>2016</b> , 24, 274-280		3
120	Development of Nicolais-Barkis model for yield strength of polymer nanocomposites reinforced with spherical nanoparticles. <b>2016</b> , 70, 191-195		37
119	Using ultrasound-assisted dispersion and in situ emulsion polymerization to synthesize TiO <sub>2</sub> /ASA (acrylonitrile-styrene-acrylate) nanocomposites. <i>Composites Part B: Engineering</i> , <b>2016</b> , 99, 196-202	10	15
118	Comparative study of dielectric and mechanical properties of HDPE-MWCNT-SiO <sub>2</sub> nanocomposites. <b>2016</b> , 83, 294-301		10

117	Starch/polyethylene nanocomposites: Mechanical, thermal, and biodegradability characteristics. <i>Polymer Composites</i> , <b>2016</b> , 37, 1384-1395	3	4
116	Development of green thermoplastic composites from Centella spent and study of its physicomaterial, tribological, and morphological characteristics. <i>Journal of Thermoplastic Composite Materials</i> , <b>2016</b> , 29, 1297-1311	1.9	7
115	Fabrication of super tough poly(lactic acid)/ethylene-co-vinyl-acetate blends via a melt recirculation approach: static-short term mechanical and morphological interpretation. <b>2016</b> , 6, 14580-14588		18
114	Modeling and simulation techniques for polymer nanoparticle composites [A review]. <b>2016</b> , 118, 32-46		24
113	"a" interfacial parameter in Nicolais-Narkis model for yield strength of polymer particulate nanocomposites as a function of material and interphase properties. <b>2016</b> , 470, 245-249		59
112	Modeling of tensile properties, dispersion studies, and hardness evaluation of Cloisite 30B in polypropylene with Elvaloy AC 3427 as compatibilizer. <b>2016</b> , 50, 3219-3227		6
111	Effect of modifications of lignin on thermal, structural, and mechanical properties of polypropylene/modified lignin blends. <i>Journal of Thermoplastic Composite Materials</i> , <b>2017</b> , 30, 625-645	1.9	18
110	Mechanical and flammability characteristics of PC/ABS composites loaded with flyash cenospheres and multiwalled carbon nanotubes. <i>Polymer Composites</i> , <b>2017</b> , 38, 1043-1052	3	5
109	Study on the effects of nanoparticulates of SiC, Al <sub>2</sub> O <sub>3</sub> , and ZnO on the mechanical and tribological performance of epoxy-based nanocomposites. <b>2017</b> , 35, 589-606		11
108	Mechanical properties of Macadamia nutshell powder and PLA bio-composites. <b>2017</b> , 15, 150-156		11
107	Crystallization, melting, and mechanical behavior of calcium carbonate-based nanocomposites of crosslinked high density polyethylene. <i>Polymer Composites</i> , <b>2017</b> , 38, E402-E411	3	4
106	Modeling of tensile strength in polymer particulate nanocomposites based on material and interphase properties. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	9
105	Fillers for Polymer Applications. <i>Polymers and Polymeric Composites</i> , <b>2017</b> ,	0.6	27
104	A novel cool material: ASA (acrylonitrile-styrene-acrylate) matrix composites with solar reflective inorganic particles. <i>Composites Science and Technology</i> , <b>2017</b> , 145, 149-156	8.6	22
103	Influences of nanoparticles aggregation/agglomeration on the interfacial/interphase and tensile properties of nanocomposites. <i>Composites Part B: Engineering</i> , <b>2017</b> , 122, 41-46	10	113
102	Fire Retardancy Characteristics and Mechanical Properties of High-Density Polyethylene/Ultrafine Fly Ash/MWCNT Nanocomposites. <b>2017</b> , 56, 762-776		3
101	A novel method for prediction of tensile strength of spherical particle-filled polymer composites with strong adhesion. <i>Polymer Engineering and Science</i> , <b>2017</b> , 57, 137-143	2.3	12
100	Predictions of micromechanics models for interfacial/interphase parameters in polymer/metal nanocomposites. <b>2017</b> , 79, 111-116		38

99	Rigid Closed-Cell PUR Foams Containing Polyols Derived from Renewable Resources: The Effect of Polymer Composition, Foam Density, and Organoclay Filler on Their Mechanical Properties. <b>2017</b> , 313-339		1
98	Expansion of Kolarik model for tensile strength of polymer particulate nanocomposites as a function of matrix, nanoparticles and interphase properties. <b>2017</b> , 506, 582-588		12
97	Fillers and Reinforcing Agents for Polyethylene. <b>2017</b> , 1033-1070		
96	Effect of Thermoplastic Polyurethane-Modified Silica on Melt-Blended Poly(Lactic Acid) (PLA) Nanocomposites. <b>2017</b> , 25, 583-592		8
95	Competitive interactions, structure and properties in polymer/layered silicate nanocomposites. <b>2017</b> , 11, 479-492		17
94	Polymer Composites Utilizing Electronic Waste as Reinforcing Fillers: Mechanical and Rheological Properties. <b>2017</b> , 1, 86-95		1
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92	A new member of solar heat-reflective pigments: BaTiO <sub>3</sub> and its effect on the cooling properties of ASA (acrylonitrile-styrene-acrylate copolymer). <b>2018</b> , 180, 67-75		18
91	Rotational moulding and mechanical characterisation of halloysite reinforced polyethylenes. <b>2018</b> , 25, 1		9
90	Nanocomposites of HDPE/LDPE/Nylon 6 reinforced with MWCNT, Kenaf fiber, nano Mg(OH) <sub>2</sub> , and PEPA with enhanced mechanical, thermal, and flammability characteristics. <i>Polymer Composites</i> , <b>2018</b> , 39, E1474-E1486	3	7
89	Mechanical Properties of Polypropylene Nanocomposites: Dispersion Studies and Modelling. <b>2018</b> , 71, 225-230		5
88	Analytical interpretations of static and dynamic mechanical properties of thermoplastic elastomer toughened PLA blends. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45644	2.9	20
87	Characterizing and Modeling of Mechanical Properties of Epoxy Polymer Composites Reinforced with Fly ash. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 27998-28007	1.4	6
86	Characterizing and Modeling of Mechanical Properties of Epoxy Polymer Composites Reinforced with Bentonite Clay. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 28098-28107	1.4	5
85	Preparation of Miscible PVA/PEG Blends and Effect of Graphene Concentration on Thermal, Crystallization, Morphological, and Mechanical Properties of PVA/PEG (10 wt%) Blend. <b>2018</b> , 2018, 1-10		43
84	Improvement of epoxy nanocomposites on physical, morphology, and mechanical properties as well as fracture behavior with the addition of mesoporous silica/nano-silica. <b>2018</b> , 259-280		1
83	Mechanical and thermo-mechanical properties of nanoclay/epoxy composites: synergistic effects of silanization and surfactant application. <b>2018</b> , 5, 095017		9
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81	Structure and performance properties of environmentally-friendly biocomposites based on poly(e-caprolactone) modified with copper slag and shale drill cuttings wastes. <b>2018</b> , 640-641, 1320-1331		9
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67	Micromechanical modelling of syntactic foam. <i>Composites Part B: Engineering</i> , <b>2020</b> , 183, 107701	10	7
66	Bio-based rigid high-density polyurethane foams as a structural thermal break material. <b>2020</b> , 260, 120471		15
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