



Poster Sessions

	Poster Session 1 Monday 18:00 - 20:00 Kinnear Building 201,203,205	Poster Session 2 Tuesday 12:00 - 14:00 Kinnear Building 201,203,205	Poster Session 3 Wednesday 12:00 - 14:00 Kinnear Building 201,203,205
Board #	Abstract	Abstract	Abstract
1	R01-568 The influence of two different profile screw configuration and feed mode on dispersion of PP/Clay nanocomposites <i>Mauler, Raquel, Brazil</i>	R02-163 An Investigation on the Effect of Processing Conditions on Crosslinking of Poly(vinyl chloride) and Acrylonitrile Butadiene Rubber <i>Naderi, Ghasem, Iran</i>	R03-566 The effect of different initial acrylic fibers on sorption characteristics of ion exchange acrylic fibers <i>Abdouss, Majid, Iran</i>
1	R01-388 Dispersion of multi-walled carbon nanotubes (MWCNTs) in polypropylene by introducing a masterbatch dilution <i>Ahn, Kyung Hyun, Korea</i>	R02-159 A comprehensive kinetics study and simulation of vulcanization process for a rubber-clay nanocomposite as a thick rubber article <i>Naderi, Ghasem, Iran</i>	R03-7 Kinetic Investigation of Grafting of Methylmethacrylate – Acrylic acid Mixture onto Poly (Ethylene Terephthalate) Fibers with Benzoyl Peroxide <i>Abdouss, Majid, Iran</i>
2	R01-669 Numerical simulation of mixing performance of gear blocks in a twin screw extruder <i>Hu, Guo-Hua, France</i>	R02-214 Preparation of PP/EPDM/Organoclay nanocomposite in twin screw extruders <i>Naderi, Ghasem, Iran</i>	R03-41 Synthesis of functionalized poly(ethylene terephthalate) fibers by grafting of acrylic acid/acryl amid monomer mixture <i>Abdouss, Majid, Iran</i>
3	R01-501 Melt mixing of polyethylene/MWNT composites using a DSM Xplore microcompounder: the use of different screw designs <i>Pötschke, Petra, Germany</i>	R02-215 An Investigation on the Microstructure and Mechanical Properties of Nanocomposites Based on SBR/EPDM <i>Naderi, Ghasem, Iran</i>	R03-723 Kinetic Investigation of Grafting of Poly (ethylene terephthalate) Fibers with 2-Hydroxypropyl Methacrylate Using 4,4'-Azobis (4-cyanovaleric acid) <i>Abdouss, Majid, Iran</i>
3	R01-249 Quantifying extrusion modification of LDPE with a microcompounder <i>Li, Tieqi, Canada</i>	R02-161 An Investigation on the Modeling of Mechanical Behavior of a Triple Blend of NR/BR/SBR Nanocomposite by Different Hyperelastic Equations <i>Naderi, Ghasem, Iran</i>	R03-569 A Comparison between three types of silane modifier on mechanical properties of SBR/Silica nanocomposites <i>Abdouss, Majid, Iran</i>
4	R01-343 Application of an internal mixer to compound thermoplastic elastomers <i>Ederleh, Lennart, Germany</i>	R02-328 Preparation and mechanical properties of isobutylene-isoprene / chloroprene (IIR/CR) /clay nanocomposites <i>Naderi, Ghasem, Iran</i>	R03-6 Effect of Oxidized Polypropylene as a New Compatibilizer on Water Absorption and Mechanical Properties of Wood Flour-Polypropylene Composites <i>Abdouss, Majid, Iran</i>
4	R01-166 An engineering approach to the correction of rotational flow calculations for single-screw extruders <i>Campbell, Gregory, U.S.A.</i>	R02-160 Effect of organo-clay on cure characteristics and mechanical properties of EPDM/NBR blends <i>Naderi, Ghasem, Iran</i>	R03-4 Preparation of alginate nanoparticles containing water-soluble drug using Emulsion-Gelation method <i>Abdouss, Majid, Iran</i>
5	R01-418 Mathematical modelling of the flow behaviour in the pressure build-up zone of a conical co-rotating twin screw extruder <i>Selvasankar, RameshKumar, Austria</i>	R02-246 Linear Rheological Properties of Polyamide/Rubber Nanocomposites: Effect of Rubber Concentration <i>Naderi, Ghasem, Iran</i>	R03-78 The rapid-curing alginate hydro gel system used in cartilage tissue engineering: Morphology, mechanical, and biodegradation characteristics <i>Abdouss, Majid, Iran</i>



6	<p>R01-147 A mathematical Model for purging processes during material change in extrusion <i>Rahal, Hassan, Germany</i></p>	<p>R02-423 Polyamide-6/Acrylonitrile-Butadiene Rubber /organoclay ternary nanocomposites: Optimization of the processing parameters with respect to mechanical properties <i>Arefazar, Ahmad, Iran</i></p>	
6		<p>R02-278 Investigation of morphology and Mechanical properties of nanocomposite based on Polyamide6/PolyCarbonate <i>Arefazar, Ahmad, Iran</i></p>	<p>R03-43 Surface characterization of polyethylene terephthalate/clay nanocomposites <i>Moradian, Siamak, Iran</i></p>
7	<p>R01-149 Pressure gradient / flow rate characteristics or extruders <i>Hosseini, Hossein, Iran</i></p>	<p>R02-413 Study on the Relationship between the Phase Morphology and Mechanical Properties of PA6/PC/SEBS Ternary Blends <i>Arefazar, Ahmad, Iran</i></p>	<p>R03-44 Effect of type of nanoclay on thermal properties of polyethylene terephthalate/clay nanocomposites <i>Moradian, Siamak, Iran</i></p>
7	<p>R01-174 A grooved feed extruder with a direct screw drive <i>Sikora, Janusz, Poland</i></p>	<p>R02-434 Toughening of poly (ethylene terephthalate) (PET) with functionalized Acrylonitrile-Butadiene Rubber through reactive mixing <i>Arefazar, Ahmad, Iran</i></p>	<p>R03-45 Disperseability, dyeability and thermal properties of polyethylene terephthalate/silica nanocomposites modified with hydrophilic or hydrophobic nanosilica <i>Moradian, Siamak, Iran</i></p>
8	<p>R01-419 Computer Simulation of Capillary Die Extrusion for Rubber Compounds using Simplified Viscoelastic Model <i>Kim, Ji Hyun, South Korea</i></p>	<p>R03-720 Effect of styrene and vinyl content of styrene butadiene rubber on dispersion and distribution of carbon black in SBR/NR blends <i>Hamann, Evemarie, Germany</i></p>	<p>R03-329 Structure and properties of PET and PET/PA based nanocomposites for packaging applications: from lab scale to industrial tests <i>Modesti, Michele, Italy</i></p>
9		<p>R02-630 Evaluation of the incorporation of silicone rubber on the mechanical properties of Polypropylene/ matrix <i>Coser, Eliane, Brazil</i></p>	<p>R03-517 Imidazolium ionomers as antimicrobial materials prepared by reactive blending of functionalized imidazolium salts with terephthalate polyesters <i>Colonna, Martino, Italy</i></p>
9	<p>R01-87 Study of Elongational flow on mechanical properties and oxygen permeability of LLDPE/LDPE/OMMT nanocomposite blown films <i>Esfahany, Hamidreza, Iran</i></p>	<p>R02-73 Regeneration of crosslinked SBR rubbers <i>Macsiniuc, Adrian, Canada</i></p>	
10	<p>R01-89 Studies on durio dulcis and nephelium lappaceum starch as a biodegradable fillers in LDPE films <i>Osman, Hakimah, Malaysia</i></p>	<p>R02-154 On the effect of the composition of the elastomeric block of SBS and SEBES block polymers on the physical properties of modified asphalts <i>Calderas, Fausto, Mexico</i></p>	
10	<p>R01-623 Preparation and Study of Films of High Density Polyethylene/Low Density Polyethylene Blends <i>Mohammadi, Mohsen, Iran</i></p>	<p>R02-363 Extensional rheology of natural rubber from new brazilian rubber tree clones. <i>Lotti, Cybele, Brazil</i></p>	<p>R03-295 Shape memory polymer blends for minimal invasive surgery <i>Lorenzetti, Alessandra, Italy</i></p>



11	R01-532 Production and characterization of coextruded cast films based on conventional and metallocene poly(ethylene/1-olefin) copolymers <i>Garofalo, Emilia, Italy</i>	R02-365 Shear Rheology of Brazilian Natural Rubber Clones <i>Lotti, Cybele, Brazil</i>	R03-600 Nanofiber Fabricated Swab Gauze for Dental Wound Care <i>Saha, Nabanita, Czech Republic</i>
12		R02-392 Evaluation of thermo-mechanical and structural composites of natural rubber from different clones of fiber reinforced curauá <i>Pereira, Nilson, Brazil</i>	R03-597 Biocompatibility of Novel Wound Dressing Hydrogels by In-vitro Cytotoxicity Assay <i>Roy, Niladri, Czech Republic</i>
12	R01-383 Improvement of heat seal property to control molecular weight for high density polyethylene film <i>Miyata, Ken, Japan</i>	R02-462 Study of Natural Rubber Insulator using for High Voltage Application <i>Klinklai, Warunee, Thailand</i>	
13	R01-407 A Compounding and Extrusion Film Study of Kaolin and Ethylene co-vinyl alcohol (EVOH) Nanocomposites <i>Ratto, Jo Ann, U.S.A.</i>	R02-88 The Effects of Carbon Black Content and Structure on the Performance of the Natural Rubber Vulcanizates <i>Esfahany, Hamidreza, Iran</i>	R03-68 Evaluation of Alginate Gel System for the Repair of Complex Defects in Articular Cartilage <i>Hasani Najfabadi, Seyyed Alireza, Iran</i>
13	R01-479 Novel methodology for the in-line measurement of the visual perceptibility of surface defects - 100 percent quality control <i>Gruber, Dieter, Austria</i>	R02-243 Mechanical FEA Simulations of Rubber Parts Tailored to the Load Condition <i>Arping, Tim, Germany</i>	R03-726 Preparation and Characterization of Smart Hydrogel Webs by Electrospinning <i>Kim, Joon Ho, Republic of Korea</i>
14	R01-707 Encapsulation defects in coextruded multilayer polymers: fundamental and experimental aspects <i>Maazouz, Abderrahim, France</i>	R02-384 Morphology of NBR with organically modified clay <i>Sousa, Fabiula, Brazil</i>	R03-523 Preparation of Polylactide/Hydrophobic Chitosan Blend <i>Noknoi, Phiangrawee, Thailand</i>
15	R01-201 Influence of grafting formulations and extrusion conditions on properties of silane- grafted water-crosslinked linear low density polyethylene <i>Rocha, Marisa, Brazil</i>	R02-528 Toughening of polyphthalamide (PPA) through incorporation of styrene-ethylene/butylene-styrene block copolymer (SEBS). <i>Custódio, Gustavo, Brazil</i>	
15	R01-199 Polypropylene-clay-L-Lysine nanocomposites by extrusion process <i>Sanchez-Solis, Antonio, Mexico</i>	R02-526 Nanocomposites of polyphthalamide (PPA) with nanoparticles of calcium carbonate <i>Custódio, Gustavo, Brazil</i>	R03-223 Preparation of chitosan-multiwalled carbon nanotube nanocomposite for electrocatalytic oxidation of β -nicotinamide adenine dinucleotide <i>Tsai, Yu-Chen, Taiwan</i>
16	R01-417 Study on the effect of processing conditions on the impact strength of PP/SEBS/PC ternary blends using Taguchi analysis <i>Arefazar, Ahmad, Iran</i>	R02-542 Morphology stabilization of thermoplastic polyolefin (TPO) based on PP/EPDM with organoclay <i>Zolali, Mohammad Ali, Iran</i>	R03-715 Fabrication and Characterization of Solid and Porous Polylactide-Chitin Composites <i>Hani E Naguib, Canada</i>
16	R01-277 Effect of Processing Conditions on the Formation of PP/EPDM/PA6 Ternary Blends in a Twin Screw Extruder <i>Arefazar, Ahmad, Iran</i>	R02-38 Effect of nano-clay on cure characteristics and mechanical properties of EPDM/NBR blends <i>Ersali, Mohammad, Iran</i>	R03-592 Utilization of the poly (lactic acid) in biodegradable packing blisters to pharmacô <i>Miranda, Leila, Brazil</i>



17	R01-361 Study of material and processing parameters on tensile properties of PP/EPDM/Clay nanocomposites: Taguchi based optimization <i>Cardinali, Daniel, Brazil</i>	R02-450 Study of material and processing parameters on tensile properties of PP/EPDM/Clay nanocomposites: taguchi based optimization <i>Sharif, Farhad, Iran</i>	R03-691 Morphological Development during the Melt-Crystallization of Polycaprolactone: Complementary Optical Microscopy, DSC, and AFM Studies <i>Titomanlio, Giuseppe, Italy</i>
18	R01-619 Influence of Morphology on Mechanical Compression and Tension Properties of Semi-Crystalline Thermoplastics <i>Groenlund, Oliver, Germany</i>	R02-193 Study of Functionalization and dispersion of graphene oxide in an epoxy matrix <i>Sharif, Farhad, Iran</i>	R03-672 Effect of crystallinity on biodegradation rate of poly(lactic acid) in controlled composting conditions <i>Titomanlio, Giuseppe, Italy</i>
18	R01-614 Investigation of the Integrated Photonic Induced Functionalisation of Polymer Parts using an Injection Mould with transparent inserts <i>Groenlund, Oliver, Germany</i>	R02-59 An improved Avrami equation to model crystallization kinetics of lightly filled polymers <i>Sharif, Farhad, Iran</i>	R03-476 Synthesis and characterization of a novel terpolymer of lactide , glycolide and trimethylene carbonate for medical applications <i>Kaffashi, Babak, Iran</i>
19	R01-725 Increasing modulus and impact strength of submicronised wollastonite / PP-H masterbatch compounds by injection moulding process <i>Auinger, Thomas, Austria</i>	R02-311 Study of the shear-induced crystallization kinetics of HDPE/nanocomposites <i>Beatrice, Cesar, Brazil</i>	R03-493 Effects of Compatibilizers on the Mechanical and Rheological Properties of Polypropylene and Poly(lactic acid) Blends <i>Kim, Woo Nyon, Korea</i>
19	R01-610 Investigation Effect Of Process Parameters On Residual Stress Of Injected Molding Thermoplastic Parts <i>Mirabzadeh, Reza, Iran</i>	R02-324 Correlation of crystallization behavior with blend phase morphology in Polyamide6 – PMMA silica-nanocomposite <i>Taranejoo, Shahrouz, Iran</i>	R03-175 Mechanical properties and Morphological change of Poly(lactic acid)/ Polycarbonate/ Poly(butylene adipate-co-telephthalate) blends through Reactive Processing <i>Kanzawa, Takeshi, Japan</i>
20	R01-611 Filling-to-packing Switchover Mode by Cavity Temperature for Injection Molding <i>Yang, Weimin, China</i>	R02-475 On the hardening behavior of crystallizing polymers by means of the RHEO-DSC technique <i>Janssens, Vincent, Belgium</i>	R03-272 Rheological Properties of poly(butylene succinate-co-lactate) / poly(lactide) blends <i>Umenaka, Kazuhiro, Japan</i>
21	R01-179 Faster process stabilization for injection molding by automatic profiling of plastication screw rotation speed <i>Yao, Ke, China</i>	R02-543 Investigation on Crystallization Behavior of Nylon6/Rubber/Nanoclay Hybrid Nanocomposites <i>Garmabi, Hamid, Iran</i>	R03-211 Enhancement of melt elasticity of PLA by addition of flexible nanofibers <i>Yamaguchi, Masayuki, Japan</i>
21		R02-435 Optimization of Mechanical Properties of Polypropylene/Nanoclay/CaCO3 Ternary Nanocomposite Using Response Surface Method: Effect of Material Parameters <i>Garmabi, Hamid, Iran</i>	R03-217 Control of Wavelength Dispersion of Orientation Birefringence in Uniaxially Stretched Cellulose Acetate Propionate <i>Yamaguchi, Masayuki, Japan</i>
22	R01-645 Thermal conditions of injection moulding during cooling phase of injection polymer part in relation to its final structure and quality <i>Běhálek, Luboš, Czech Republic</i>	R02-471 Optimization of Mechanical Properties of PC/ABS Blend Using Taguchi Method of Experimental Design: Effect of Butadiene Content and SEBS-g-MAH Compatibilizer <i>Garmabi, Hamid, Iran</i>	R03-57 Effect of the addition of clay on the morphology and mechanical properties of Poly(3-hydroxybutyrate)/ Poly(ethylene-co-methyl acrylate-co-glycidyl methacrylate)blends <i>Demarquette, Nicole, Brazil</i>



22	<p>R01-345 Cavity Pressure Differences in the Case of Conventional Cascade Injection Moulding Technology and the DynamicFeed Technology <i>Putá, Josef, Czech Republic</i></p>	<p>R02-702 Phase Morphology of polyamide6/acrylonitrile butadiene styrene blends in presence of styrene maleic anhydride encapsulated multiwall carbon nanotubes as compatibilizer <i>Bhattacharyya, Arup, India</i></p>	<p>R03-588 Different ways to change the biodegradability of Polyhydroxybutyrate-co-valerate <i>Chenal, Jean-Marc, France</i></p>
23	<p>R01-318 Shrinkage Optimization of Injection Molded Parts through a Hybrid System of Artificial Neural Network and Genetic Algorithm <i>Azdest, Taher Iran</i></p>	<p>R02-320 Controlling the morphologies in compatibilized Polyamide 6/High Density Polyethylene blends <i>Fabre, Alexandra, France</i></p>	<p>R03-241 Influence of natural organic fibers and fillers on mechanical and thermal properties of biodegradable compounds <i>Vieira, Marília, Brazil</i></p>
24	<p>R01-535 Optimization of Bonded Magnet Injection Molding <i>Carraro, Piertommaso, Italy</i></p>	<p>R02-555 Nanocomposites of PA6/ABS blends <i>Oliveira, Amanda, Brazil</i></p>	<p>R03-196 Influence of Retting Process on the Thermal and Mechanical Properties of Flax/Polypropylene Composites Made of Canadian Oilseed Flax Fibers <i>Wei, Hu, Canada</i></p>
24	<p>R01-310 γ-Phase Spatial Distribution in Convectional Injection Molded and Oscillatory Shear Injection Molded Metallocene-Made Isotactic Polypropylene <i>Li, Zhong-Ming, China</i></p>		<p>R03-437 Evaluating the effects of nano-clay and Lignocellulosic Fibers on Thermal and mechanical properties of Polyethylene nanocomposites <i>Zahirnia, Sina, Iran</i></p>
25	<p>R01-676 Investigation of Flow Marks in PP/rubber and PP/talc composites <i>Lim, Soonho, Korea</i></p>	<p>R02-300 Morphological, mechanical and thermal properties of polyamide blends based nanocomposites <i>Besco, Stefano, Italy</i></p>	<p>R03-512 PBAT / Thermoplastic flour blends : morphology and mechanical properties <i>Samuel, Cedric, France</i></p>
25	<p>R01-692 Monitoring of injection molding of thermoplastics: average solidification pressure as a key parameter for quality control <i>Titomanlio, Giuseppe, Italy</i></p>	<p>R02-359 Morphological dependence on impact resistance of PA6/epichlorohydrin elastomers blends <i>Felisberti, Maria, Brazil</i></p>	
26	<p>R01-686 Mutual effects of flow and crystallization: investigations in flow-induced crystallization and crystallization induced solidification <i>Titomanlio, Giuseppe, Italy</i></p>	<p>R02-490 Thermal and mechanical properties of PA6/organoclay nanocomposites <i>Melo, Tomas, Brazil</i></p>	<p>R03-609 Effect of the Presence of Lubricants on the Mechanical Properties of PP-g-MA Compatibilized Polypropylene/Sawdust Composites. <i>Bettini, Silvia, Brazil</i></p>
27	<p>R01-518 Miniaturisation of mechatronic systems by using thermal conductive polymers: material properties and simulation based product engineering <i>Heinle, Christoph, Germany</i></p>	<p>R02-644 Preparation of Polysulfone/Polyamide/Mica Nanocomposites Using High-Shear Processing <i>Shimizu, Hiroshi, Japan</i></p>	<p>R03-632 Plastic wood: influence of compatibilizer type on the thermo-mechanical properties of polyethylene matrix <i>Santana, Ruth, Brazil</i></p>
27	<p>R01-638 Experimental Investigation of Transcriptability in Micro Injection Molding of Large Area Microstructured Surface <i>Kwon, Tai Hun, Republic of Korea</i></p>	<p>R02-156 Rheological and Physical Properties of Decross-linked Polyethylene foams using Extruder <i>Hong, Soon Man, Korea</i></p>	<p>R03-397 Studying the effect of varying wood and plastic types on characteristics of directional compression molded- WPC <i>Islam, Mohammad, Canada</i></p>



28	R01-650 An experimental study on the reducing of cycle time in 2.5 inch LGP by injection compression molding <i>Kim, Jong Sun, Korea</i>	R02-157 Physical and Optical Properties of Triacetyl Cellulose Films using solution casting method <i>Hong, Soon Man, Korea</i>	R03-364 Cellulose acetate composites with short Curauá fibers: effect of fiber treatment and plasticizers <i>Chavez, Miguel, Brazil</i>
28	R01-651 Comparison of injection compression and rapid heating/cooling process for micro pattern molding in injection molding <i>Kim, Jong Sun, Korea</i>	R02-225 Description and Optimizing of Shear and Elongational Flow Behaviour of Polypropylene Blends Intended for Foaming Processes <i>Sedlacek, Tomas, Czech Republic</i>	
29	R01-48 Morphological Investigation of Injection Molded PP Plate with High Aspect Ratio Surface Micro Features <i>Chen, Ren-Haw, Taiwan</i>	R02-370 Pressure dependent flow behavior of linear high molecular weight and branched high melt strength polypropylene blends <i>Sedlacek, Tomas, Czech Republic</i>	R03-684 Biocomposites from biopolyethylene and curaua fibers <i>Frollini, Elisabete, Brazil</i>
30	R01-675 Novel scanning immersion lithography (SIL) for 3d injection molding microfabrication <i>Tseng, Shi-Chang, Taiwan</i>	R02-492 Foamable polystyrene/clay nanocomposites particles in the presence of γ -methacryloxypropyltrimethoxysilane <i>Hermes de Araújo, Pedro, Brazil</i>	R03-683 Sisal fibers modified with sodium lignosulphonate: improvement of adhesion between fibers and phenolic type matrices <i>Frollini, Elisabete, Brazil</i>
30		R02-294 Synthesis of polyurethane nanocomposite foams aided by microwave processing <i>Lorenzetti, Alessandra, Italy</i>	R03-687 Adsorption Kinetic Study of Madder on Mordanted Wool Fibers <i>Farizadeh, Khosro, Iran</i>
31	R01-505 Monitoring of filling, cooling and crystallisation during micromoulding <i>Brown, Elaine, U.K.</i>	R02-47 On Foaming Process and Energy-absorption of Molds having Foamed Surface Layer <i>Shimbo, Minoru, Japan</i>	R03-559 Rheology of poly(1-butene)/wood composites <i>Cermak, Roman, Czech Republic</i>
31	R01-472 Reprocessing of polypropylene material through injection moulding: investigation of physical, processing and mechanical properties <i>Mulvaney-Johnson, Leigh</i>	R02-357 Quantified Surface Improvement for Foamed and Long-Fibre Filled Parts from Injection into a Hot Cavity <i>Pittman, John, U.K.</i>	R03-561 The effect of weathering on mechanical properties of poly(1-butene) <i>Cermak, Roman, Czech Republic</i>
32	R01-72 Macromolecular Investigations of Recycled LDPE Extrusion Foaming <i>Twite-Kabamba, Eddy, Canada</i>	R02-32 Nanocomposite of a Photocurable Epoxy-Acrylate Resin and Carbon Nanotubes <i>Coelho, Luiz, Brazil</i>	R03-508 New Insights into Characterization of Flow Properties of PP Based Wood Plastic Composites <i>Duretek, Ivica, Austria</i>
33	R01-12 Foaming Recycled PET by Supercritical Carbon Dioxide <i>Liang, Ming-Tsai, Taiwan</i>	R02-498 Study on the effect of remodification of MWCNT on the rheological properties of epoxy/CNT composites <i>Kaffashi, Babak, Iran</i>	R03-589 Effect of Compatibilizer and Bamboo Fiber Content on the Mechanical properties of PP-g-MA Compatibilized Polypropylene/Bamboo Fiber Composites <i>Bonse, Baltus, Brazil</i>
33		R02-537 Study of reprocessing conditions of the low density polyethylene (LDPE) in a single-screw extruder <i>Zattera, Ademir, Brazil</i>	



34	R01-618 Beneficiously of recycled PET: influence of the surface modification of PET and PVC <i>Santana, Ruth, Brazil</i>	R02-544 Epoxy-Montmorillonite Nanocomposites Applied to Powder Coatings <i>Zattera, Ademir, Brazil</i>	
34	R01-617 Study of the influence of PP-g-MA on the extruded polypropylene degradation <i>Santana, Ruth, Brazil</i>	R02-239 Investigation on the influence of processing speed on mechanical and dynamic mechanical properties of Polystyrene/Cellulose fibre composites <i>Zattera, Ademir, Brazil</i>	
35		R02-533 Influence of the different initiators in curing and post-curing of composites molded by vacuum-assisted resin transfer molding (VARTM) <i>Zattera, Ademir, Brazil</i>	R03-613 Use of experimental design in the grafting of maleic anhydride onto polypropylene using nanoreactors <i>Muñoz, Pablo, Brazil</i>
36	R01-213 Mechanical and Morphological Properties of Waste Short Nylon Fiber-Reinforced Nitrile Rubber Composites <i>Naderi, Ghasem, Iran</i>	R02-108 Curing monitoring of an epoxy/carbon nanotube composite using DC conductivity measurements <i>Neitzert, Heinz, Italy</i>	R03-671 Toughening of PP through reactive compatibilization of PP/PC blends <i>HU, Guo-Hua, France</i>
36	R01-216 Synthesizing of Aluminum Carboxylate as a Reactive Filler for Reinforcing of Elastomers <i>Naderi, Ghasem, Iran</i>	R02-721 Meltblown fibers: Influence of viscosity and elasticity on diameter distribution <i>Tan, Dawud H., USA</i>	R03-668 Compatibilizing efficiency of graft copolymers for immiscible polymer blends <i>HU, Guo-Hua, France</i>
37	R01-162 Mechanical, thermal behavior and Morphological Properties of Thermoplastic Elastomers based on Reclaimed Rubber/HDPE <i>Naderi, Ghasem, Iran</i>	R02-570 Effects of titania nanotubes on the epoxy resin-based nanocomposites <i>Mauler, Raquel, Brazil</i>	R03-13 Ethylene polymerization using MgCl ₂ /SiO ₂ supported Ziegler-Natta catalyst <i>Pourmahdian, Saeed, Iran</i>
37	R01-571 Kinetic cure of SBR composites developed with vulcanized ground scraps <i>Carli, Larissa, Brazil</i>	R02-574 Influence of nanoclay on the thermal properties of epoxy system <i>Mauler, Raquel, Brazil</i>	R03-520 Material design by electron induced reactive processing <i>Leuteritz, Andreas, Germany</i>
38	R01-593 Accelerated ageing of composites with SBR scraps devulcanized by microwaves <i>Carli, Larissa, Brazil</i>	R02-564 Non-isothermal crystallization kinetics of polypropylene/graphite nanocomposites <i>Mauler, Raquel, Brazil</i>	R03-430 Fuzzy modeling for emulsion polymerization process <i>Charesaz, Mohsen, Iran</i>
39	R01-69 The Simulation of an Extrusion Lamination Process with Thermal Degradation <i>Shiromoto, Seiji, Japan</i>	R02-685 Hydration induced reinforcement of polyurethane cement foams: functional and structural properties <i>Di Maio, Ernesto, Italy(Russo/ Sorrentino)</i>	R03-491 Facile and Efficient Synthesis of 3,3-diaryloxindoles using p-toluene sulfonic acid(p-TSA) <i>Poormohammad, Nargess, Iran</i>
39	R01-98 Thermo-Mechanical Characterization of Ion-exchanged Palabora Vermiculites <i>Focke, Walter, South Africa</i>	R02-500 Synthesis and characterization of polyurethane-urea and evaluation of some effective parameters on thermal properties <i>Mir Mohamad Sadeghi, Gity, Iran</i>	R03-389 A novel method to obtain unsaturated polyester-resin nanocomposites with Montmorillonite clay suspended in water. <i>Rivera-Gonzaga, José, Mexico</i>
40	R01-1 Synchrotron WAXD Studies on Melting and Crystallization of PA 6/2.2 Copolymers <i>Geier, Simon, Germany</i>	R02-563 Study on mixing and polyurethane reaction in RIM machine <i>Mir Mohamad Sadeghi, Gity, Iran</i>	R03-605 Synthesis of polystyrene nanoparticles as template for fabrication of porous silica structures <i>Afshar Taromi, Faramarz, Iran</i>



40	<p>R01-283 Nonisothermal Order-Disorder Phase Transition of Alkylammonium Ions in Nanoconfined Space</p> <p><i>Takeno, Ryosuke, Japan</i></p>	<p>R02-507 Effect of the hard segment content on the morphology and Mechanical Properties of Thermoplastic polyurethane/nano clay nanocomposites</p> <p><i>Mir Mohamad Sadeghi, Gity, Iran</i></p>	<p>R03-176 Synthesis and characterization of polycarbonate/ABS with SAN grafted carbon nanotubes Nanocomposites</p> <p><i>Ryu, Sung Hun, Korea</i></p>
41	<p>R01-282 Layered silicate controlled crystallization in nylon 6 –clay nanocomposite</p> <p><i>Mizuno, Chihiro, Japan</i></p>	<p>R02-631 Effect of the structure and programming on Shape memory properties of Thermoplastic Polyurethane/nanosilver nanocomposites</p> <p><i>Mir Mohamad Sadeghi, Gity, Iran</i></p>	<p>R03-24 Compatibilization effect of organophilic clay on immiscible blends of polyamide 6 and low density polyethylene</p> <p><i>Morales, Ana, Brazil</i></p>
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