

Code	Title	Autors	Filiation
<i>C-18002</i>	SUGARCANE STRAW AND EUCALYPTUS' FOREST RESIDUES AS FEASIBLE FEEDSTOCKS FOR BIOREFINERIES	Guilherme P. Nogueira, Marina O. S.D. and Carla N. K. Cavaliero	UNICAMP
<i>C-18003</i>	EVALUATION OF THE HEAT CAPACITY OF BIOMASS OF COFFEE RESIDUES AND SUGAR CANE AGAINST WOODY TYPES OF TROPICAL DRY FOREST	Edwin A. S.Villarreal and Moraima C. M. Aguas	PUCESI
<i>C-18004</i>	CHEMICAL COMPOSITION OF STUMP ASH OF FIRST AND SECOND ROTATION STAND OF EUCALYPTUS SPP	Elaine C. Leonello, Humberto J. E.Junior and Saulo P. S. Guerra	FCA / UNESP
<i>C-18005</i>	LIGNOCELLULOSIC SISAL FIBERS: SOURCE OF FERMENTABLE SUGARS	Joice J. Kaschuk, Márcia Nistichuk, and Elisabete Frollini	USP SC
<i>C-18007</i>	BIONANOCOMPOSITE FILMS FROM MANGO SEEDS	Ana P. M. Silva, Sheyliane M.A. Pontes, Morsyleide F. Rosa, Men de sá M. S. Filho and Henriette M.C. Azeredo	Embrapa Instrumentação
<i>C-18008</i>	ENZYMATIC CHARACTERIZATION OF LIGNINOLYTIC FUNGI FROM NATIVE RAIN FOREST AND EUCALYPTUS PLANTATIONS	Maysa P. Hernandez, Djanira Negrão, Mohini Sain and Alcides L. Leao	UNESP
Code	Title	Autors	Filiation
<i>D-18001</i>	PROPOSAL FOR RECYCLING OF COFFEE CAPSULES FOR PRODUCTION OF CAPSULE HOLDER	Ventura, G.C.; Munhoz, P.M.; Nascimento, F.C.; Giuliano, A.D.; Souza, W.B.De	Senai School of Environmental Technology
<i>D-18005</i>	CHROMIUM (III) SORPTION STUDY ON RECYCLED LOW-DENSITY POLYETHYLENE (LDPE _{rec}) AND NATURAL ADSORBENTS (COCONUT FIBER, CHITOSAN AND CLAY)	Bárbara M. Neto, Hélio F. M. Júnior and Dilma A. Costa	UFRRJ
<i>D-18006</i>	COMPOSITES OF ECOVIO AND FIBERS - SISAL OR KENAF. ARE THE MECHANICAL PROPERTIES SUPERIOR?	Duclerc Parra, Danielle L. Soave, Eduardo P. Mello, Anna B. C. Fortunato, Luiz Komatsu, Marina P. Oliva, Guilherme W. Lebrão and Suzana M. G. Lebrão	IPEN
<i>D-18007</i>	PINEAPPLE FIBER AS ALTERNATIVE FOR MECHANICAL AND THERMAL REINFORCEMENT IN PP/SEBS COMPOSITES	Luiz G. H. Komatsu, Washington L. Oliani, Everton F. Rodella and Duclerc F. Parra	IPEN
<i>D-18008</i>	MANUFACTURE AND MECHANICAL BEHAVIOR OF GREEN POLYMERIC COMPOSITE REINFORCED WITH HYDRATED COTTON FIBER	Ana P. de Moura, Emiliano B. Almendro, Amanda A. X. da Silva, Enio H. P. da Silva, Romeu R. C. da Costa	UTFPR
<i>D-18009</i>	ADDITION OF THERMOSETTING RESIDUE IN A RECYCLED POLYPROPYLENE MATRIX: ANALYSIS OF THERMAL PROPERTIES	Pamela G. P. Pires, Amanda A. D. Maia and Jane M. F. Paiva	UFSCar Sorocaba
<i>D-18010</i>	MOLDING OF COMPOSITES OF RECYCLED HDPE WITH JUTE FIBER FABRICS AND EVALUATION OF FLEXURAL PROPERTIES	Cristiane C. Maciel, Nathalia T. Murakami and Jane M. F. Paiva	UFSCar Sorocaba
<i>D-18011</i>	CHARACTERIZATION OF EUCALYPTUS CELLULOSE NANOFIBERS AND SUGARCANE BAGASSE FIBERS COMPOSITES WITH POTENTIAL FOR FILTRATION APPLICATION	Flávia N. F. Prado, Letícia G. Melo, Pedro E. Costa, Daniel P. and Luís C. Morais	UFU
<i>D-18012</i>	DEVELOPMENT OF PLA COMPOSITES REINFORCED WITH TUNG BARK HAVING GLYCEROL FROM TUNG BIODIESEL AS COUPLING AGENT	D. Damaceno, A.M.C.Grisa, M. V. Zimmermann, Rosmary. N. Brandalise	USC

D-18014	OPTICAL RESPONSES AND PHOTODEGRADATION RESISTANCE OF FOREST-BASED FILLERS INCORPORATED INTO POLYURETHANE BIOFOAMS	Rafael Delucis, Washington Magalhães, César Petzhold and Sandro Amico	UFRGS
D-18015	ADDITION OF GLYCERIN AND GYPSUM PARTICLES FOR TENACIFICATION OF RECYCLED POLYSTYRENE	Suellen S. Bartolomei, Esperidiana A. B. Moura and Helio Wiebeck	IPEN
D-18016	STUDY OF THE PREPARATION AND CHARACTERIZATION OF POLYSTYRENE COMPOSITE MATERIALS WITH JUTE HYBRID CARBON AND CARBON NANOTUBO	Greiciele S. Ferreira, José C. M. Neto, Nelly C. C. Ramirez and Klicia M. Andrade	UFAM
D-18017	DETECTION OF ACOUSTIC EMISSIONS ON WOOD FIBERS OF REFLORESTATION DURING THE TURNING PROCES	Valter R.B. Celestino, Marcos A.P. Bueno, Ivaldo D. Valarelli, Fábio A. Moizés and Geise M.S. Silva	UNESP Bauru
D-18018	ROLE OF NCO:OH RATIO OF COMMERCIAL BIOBASED POLYURETHANE ADHESIVE IN THE MECHANICAL PROPERTIES OF FLEXIBLE LAMINATED PACKAGING FOOD	Nathalie M. Ito and Demetrio J. Santos	UFABC
D-18019	EVALUATION OF THE DEGRADATION OF LOW DENSITY POLYETHYLENE WITH BIODEGRADABLE ADDITIVE IN AN SIMULATED MARINE ENVIRONMENT	E. Bruscato, Rosmary N. Brandalise, Ana M.C.Grisa and Mara Zeni	UCS
D-18021	PREPARATION AND CHARACTERIZATION OF POLYSULFONE/RECAM® COMPOSITE FILTRATION MEMBRANES	Priscila Anadão and Hélio Wiebeck	USP Poli
D-18023	PHYSICAL-MECHANICAL CHARACTERIZATION OF PARTICLE BOARDS PRODUCED FROM BAMBU AND SISAL	Gilma M. S. Silva, Mauri P. L. Junior, Marcus A. P. Bueno and Ivaldo D. Valarelli	UNESP Bauru
D-18024	INCORPORATION OF CELLULOSE NANOSTRUCTURES FROM RESIDUE BIOMASS IN PBAT USING NON-IONIC SURFACTANT	Clara R. Bauli, Daniel B. Rocha and Derval S. Rosa	UFABC
D-18025	USE OF SPEND COFFEE GROUND AS A RAW MATERIAL IN RECYCLED POLYPROPYLENE MATRIX COMPOSITES	Campos, B. A., Rebeca Q. Stelle, Nery, T. K. F., Fino, D. C. and Bastos, D. A.	UFABC
D-18026	CHARACTERISTICS AND PROPERTIES OF CARBOXYMETHYLCHITOSAN/POLY(VINYL ALCOHOL) MEMBRANES: EFFECTS OF POLYMER COMPOSITION, GENIPIN-CROSSLINKING AND METAL NANOPARTICLES	Andrea L. Bukzem, Danilo M. Santos, Eduardo Triboni, Sergio P. C. Filho	USP SC
D-18027	PREPARATION AND CHARACTERIZATION OF PLASTIZAED CELLULOSE ACETATE BIOCOMPOSITES WITH COCONUT FIBERS	Jéssica H. H. Rossato, Guilherme B. Leal, Morsyleide F. Rosa, José M. Marconcini, Luiz H. C. Mattoso and Gerson L. Mantovani	UFABC
D-18028	BIOPOLYMERIC NANOCOMPOSITES FORMED BY ZEIN, HYDROXYPROPIlCELLULOSE AND MONTMORILLONITE CLAY MINERAL	Gabriella D. Ulrich, Maria P. G. Peixoto, Lucilene B. de Paiva, Renato R. Gavioli, Osvaldo Freitas, Kelly R. Francisco	UFSCAR
D-18030	CELLULOSE ACETATE NANOCOMPOSITE REINFORCED WITH CELLULOSE NANOCRYSTALS OF TYPHA DOMINGENSIS FIBER	Natália R. César, Vagner R. Botaro, Aparecido J. Menezes	UFSCar sorocaba
D-18031	STUDY OF EUCALYPTUS CELLULOSE FIBER ESTERIFICATION FOR CEMENT MATRIX REINFORCEMENT	Laís F. S. Marques, Rondinele A. R. Ferreira, Júlia G. Vieira, Leila A. C. Motta and Daniel Pasquini	UFU
D-18032	COUPLING EFFECT OF STARCH COATED FIBERS FOR RECYCLED POLYMER/WOOD COMPOSITES	Daniel B. Rocha and Derval S. Rosa	UFABC

D-18033	EVALUATION OF MECHANICAL PROPERTIES OF HIGH DENSITY POLYETHYLENE (HDPE) / BENTONITE CLAY COMPOSITE WITH AND WITHOUT FRAGRANCE	Leandro J. Santos, Wesley B. G. Almeida and Edilene C. D. Nunes	Senai School of Technology
D-18034	CHARACTERIZATION OF SUGARCANE BAGASSE /THERMOPLASTIC STARCH COMPOSITE	Bruno H. Santos and Márcia A. S. Spinacé	UFABC
D-18035	EVALUATION OF THE MECHANICAL PROPERTIES OF FLEXIBLE PVC WITH NATURAL CALCIUM CARBONATE (CACO3) AND CALCIUM CARBONATE FROM EGGSHELL	Leandro J. Santos, Ricardo A. Pereira and Edilene C. D. Nunes	Senai School of Technology
D-18036	COMPOSITES FROM PHENOLIC-TYPE RESINS, SISAL FIBER WOVEN MAT AND OIL PALM MESOCARP FIBER	Pinheiro, F. G. C.; Leitão, R. C. and Elisabete Fronilli	USP Sc
D-18037	LIGNOPOLYURETHANIC COMPOSITES BASED ON SODIUM LIGNOSULFONATE AND RAYON WOVEN MAT AS REINFORCING AGENT	Lidiane P. Gonçalves, Francisca G. C. Pinheiro and Elisabete Frollini	USP SC
Code	Title	Autors	Filiation
E-18001	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF Zn-ANTHRARUFIN COMPLEX IN SOLAR DEVICE	Luana C. Ferreira, Felipe M. N. Cardoso, Liza R. Frazão, Alzir A. Batista and Regina M. M. Oliveira	UFMA
E-18002	STUDY OF THE TECHNICAL VIABILITY OF NANOCELLULOSE PRODUCTION	Natália Naime, Antônio J. C. Brant, Rafaela Sasounian, Vítor M. Zamarion, Ademar B.Lugão and Patrícia Ponce	IPEN
E-18003	CASHEW GUM- POLY-L- LACTIDE COPOLYMER NANOPARTICLES PICKERING EMULSION: SYNTHESIS, CHARACTERIZATION AND AMPHOTERICIN B ENCAPSULATION	Ana R. Richter, Judith P.A. Feitosa, Haroldo C. B. Paula, Francisco M. Goycoolea and Regina C. M. de Paula R. C. M.	UFC
E-18004	DEVELOPMENT OF GLUCOSE BIOSENSOR AS AN ANALYTICAL TOOL IN THE PRODUCTION OF SECOND-GENERATION ETHANOL FROM WATER HYACINTH	Caruane A. Donini, Martin K. Leme, Giovana R.F. Bronzato, Alcides L. Leão and Ivana Cesarino	UNESP
E-18006	HYDROPHILIC AND KINETIC PROPERTIES OF NANOCLAY LAPONITE RDS AND POLY(METHACRYLIC ACID) (PMAA) HYDROGEL NANOCOMPOSITES	Carlos R. F. Junior, Márcia R. de Moura and Fauze A. Aouada	UNESP IS
E-18007	HYDROPHILIC CHARACTERIZATION OF POLYMERIC BIOFILMS CONTENT NANOPARTICLES AND GARLIC ESSENTIAL OIL	Vanessa S. Santos, Fauze A. Aouada, and Márcia R. Moura	UNESP
E-18008	EFFECTS OF THE INCORPORATION OF GREEN SILICA AND TITANIUM DIOXIDE NANOPARTICLES IN PROPERTIES OF HDPE	Suellen S. Bartolomei, Gustavo S. Farias, Angel Ortiz, Helio Wiebeck and Esperidiana A. B. Moura	IPEN
E-18013	INFLUENCE OF ACID CONCENTRATION AND TIME OF REACTION IN THE ISOLATION OF NANOCELLULOSE FROM EUCALYPTUS RESIDUE	Paulo H. Camani and Derval S. Rosa	UFABC
E-18014	STUDY OF THE COMBINED EFFECTS OF CLAY MINERALS AND POLYETHYLENE GLYCOL ON THE MECHANICAL AND SURFACE PROPERTIES OF CARBOXYMETHYLCELLULOSE FILMS	Ana P. S. M. Fiori, Paulo H. Camani, Derval S. Rosa and Danilo J. Carastan	UFABC
E-18016	CHITOSAN-CLAY FILMS FOR CONTROLLED TETRACYCLINE RELEASE	Bobadilla, M., Cardoso, T., Gregory, L., Valenzuela, F. R.	USP
E-18017	COPOLYMER BASED ON OXIDATED GALACTOMANANA AND PNIPAM-NH2 VIA BASE OF SCHIFF	Lafís Ramos Monteiro de Lima, Venícios G.	UFC

		Sombra and Regina Célia Monteiro de Paula	
<i>E-18018</i>	THERMAL PROPERTIES AND STRUCTURAL CHARACTERIZATION OF ELECTROSPUN POLY(ACRYLONITRILE-CO-VINYL ACETATE) (PANVA) NANOFIBERS	Giulia M.R. Alvares, Juliane C. Bernardi, Gerson L. Mantovani, Marcia T. Escote and Everaldo C. Venancio	UFABC
<i>E-18019</i>	STUDY OF CLOROPHILA ADSORPTION IN CLAY FOR BIOPOLYMER APPLICATION	Lucas L. Nunes, Rafaela R. Ferreira, Hueder P. M. Oliveira, Anderson Maia, Rondes F. Da S.Torin	FATEC Maua
<i>E-18020</i>	PLA FIBERS PRODUCED BY SOLUTION BLOW SPINNING	Rodrigo G. F. Costa, Murilo A. V. Rodrigues and Luiz H. C. Mattoso	Embrapa Instrumentação
<i>E-18021</i>	EXTRACTION OF NANOCELLULOSE FROM THE PINEAPPLE CROWN AND INCORPORATION IN BIODEGRADABLE ALGINATE FILMS	Isabelle Cristovão, Mariana A. Moraes, Sivoney F. Souza and Cristiane R. Martins	UNIFESP Diadema
<i>E-18023</i>	CYTOTOXIC STUDIES AND ADHESION TESTS OF NANOFIBRILLATED CELLULOSE FROM CURAUA FIBERS	Sivoney F. Souza, Mariselma Ferreira and Mohini Sain	LNNANO
<i>E-18024</i>	ISOTIOPATION OF NANOFIBER FROM SAWDUST EUCALYPTUS BY BALL MILL AND BIOFILMS OF PBAT BY CASTING	Fabiany S. Kano, Cristina G. da Silva and Derval S. Rosa	UFABC
<i>E-18025</i>	INFLUENCE OF GRAPHENE OXIDE INCORPORATION ON POLY (VINYL ALCOHOL) FILMS	Julyana Santana, Gustavo Farias, Olgun Güven and Esperidiana A. B. Moura	IPEN
<i>E-18026</i>	FUNCTIONALIZED CLAY/EVA FILMS – A NEW METHOD TO PRODUCE NANOCOMPOSITE FILMS WITH IMPROVED MECHANICAL, THERMAL AND UV-VIS BARRIER PROPERTIES	Suellen S. Bartolomei, Alex S. Monteiro, Francisco R. Valenzuela Díaz, Olgun Guven and Esperidiana A. B. Moura	IPEN
<i>E-18027</i>	CHEMICAL CHARACTERIZATION OF CURCUMINOIDS' NANOPARTICLES	Lizandra V. M. Rocha, Laura C. Merat, Livia R. Menezes, Priscilla V. Finotelli and Maria I. B. Tavares	IMA/UFRJ
<i>E-18029</i>	MATS FROM THE ELECTROSPINNING OF CELLULOSE ACETATE SOLUTIONS USING THF/DMF AS SOLVENTS	Patrícia F. Rossi, Rachel P. O. Santos, João B. S. Júnior, Laudemir C. Varanda and Elisabete Frollini	USP SC

F) Cellulose, Lignin and others renewable raw materials

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<i>F-18002</i>	LIGNIN MODIFICATION WITH RICINOLEIC ACID: TOWARDS BIO-BASED POLYOLS	Júlia R. Gouveia, Cleber L. Costa and Demetrio J. Santos	UFABC
<i>F-18003</i>	ELECTROSPINNING OF POLYACRYLONITRILE/LIGNIN AIMING CARBON NANOFIBERS APPLICATIONS	Lara R. Nahra, Maurício P. de Oliveira, Lília M. Guerrini	UNIFESP
<i>F-18004</i>	SYNTHESIS OF METHYLIC BIODIESEL VIA ESTERIFICATION USING MAGNETIC NANOPARTICLES FUNCTIONALIZED WITH SULFONATED LIGNIN AS HETEROGENEOUS CATALYSTS	Leandro H. R. Varão, Thiago A. L. Silva, Hernán D. Z. Zamora, Luís C. de Morais and Daniel Pasquini	UFU
<i>F-18005</i>	CHARACTERIZATION OF CELLULOSE CRYSTALLINITY USING DIFFERENT METHODS	Karen S. Prado and Márcia A. S. Spinacé	UFABC
<i>F-18006</i>	DEVELOPMENT OF ELASTOMERIC COMPOUND WITH THE USE OF RENEWABLE SOURCE LOADING	M. Faccio, M. Ferrari, J.S.Rossi, S.D.Ferreira,	USC

	IN SUBSTITUTION AS USED IN THE RUBBER INDUSTRY	M. Godinho and Rosmary N. Brandalise	
F-18007	PRETREATMENT OF COCONUT BARK FOR ETHANOL 2G PRODUCTION	Giovana R. F. Bronzato, Victor A. C. A. Reis, Luiz G. B. Scapolio, Ivana Cesarino and Alcides L. Leão	UNESP
F-18008	CHEMICAL CHARACTERIZATION OF VEGETABLE IVORY SEEDS FROM THE AMAZON	Yuri F. Silva, Natália D. Souza, Azarias M. Andrade, Renata N. Oliveira and Renata A. Simão	UFRJ
F-18009	REACTIVITI OF LIGNIN SUBUNITS: ELECTRONIC STRUCTURE CALCULATIONS ON MONOMERS AND DIMERS	Rosangela A. Maia and Augusto B. Neto	UNESP
F-18010	FRACTIONING AND EPOXIDATION OF KRAFT LIGNIN: NA ALTERNATIVE TO BISPHENOL A	Cleber L. Costa, Júlia R Gouvei and Demetrio J. Santos	UFABC
F-18011	EXTRACTION, PREPARATION AND CHARACTERIZATION OF CELLULOSE FIBRES AND NANOCRYSTALS FROM BANANA PSEUDOSTEM	Pedro G. Lins, Pamela S. Garcia, Carlota Zago, Juliana V. Silva, and Ticiane S. Valera	USP Poli
F-18012	SIZE EFFECT: THE ROLE OF BONDLINE THICKNESS ON MECHANICAL PROPERTIES OF BIO-BASED POLYURETHANES	Paulo. H. L. Fernando and Santos, D. J.	UFABC
F-18013	VARIATION OF THE MILLING CONDITIONS IN THE OBTAINING OF NANOCELLULOSE FROM THE PAPER SLUDGE	Fabiany S. Kano, Alana G. Souza and Derval S. Rosa	UFABC
F-18014	ADSORPTION INTERACTION BETWEEN THE ANIONIC SURFACTANT AND CELLULOSE NANOSTRUCTURES OBTAINED FROM EUCALYPTUS RESIDUES	Alana G. Souza, Giovanni F. Lima, and Derval S. Rosa	UFABC
F-18015	CHARACTERIZATION OF VISCOSE FIBER OF TEXTILE WASTE AIMING APPLICATION IN POLYMERIC COMPOSITES	Souza, R. F. M. and Márcia A. S. Spinacé	UFABC
F-18016	CONTINUOUSLY CAST MAIZE STARCH FILMS PLASTICIZED WITH SORBITOL AND GLYCEROL: MECHANICAL AND OPTICAL COMPARISON	Bruno R. Luchesi, Rafael M. Vanderlei, Luiz H. C. Mattoso, José M. Marconcini and Francys K.V. Moreira	Embrapa Instrumentação
F-18017	OBTAINMENT AND CHARACTERIZATION OF NANOCELLULOSE FROM SUGARCANE BAGASSE	Marcus V. S. Seixas, Helio Wiebeck and Esperidiana A. B. Moura	USP Poli
F-18019	EVALUATION OF THE RHEOLOGICAL BEHAVIOR OF THE POLYACRYLONITRILE / LIGNIN NANOCOMPOSITE SOLUTION FOR THE PRODUCTION OF CARBON NANOFIBERS BY SOLUTION BLOW SPINNING	Lais A. de Camargo, José M. Marconcini, Luiz H. C. Mattoso	UFSCar
F-18022	DEVELOPMENT AND THERMOMECHANICAL CHARACTERIZATION OF POLYPROPYLENE WITH CELLULOSE ACETATE FROM CIGARETTE FILTER	Rodrigo S. Freitas, Leandro J. dos Santos and Edilene C. D. Nunes	Senai
F-18023	MATS FROM ELECTROSPINNING OF CELLULOSE ESTERS SOLUTIONS	Polez, R. T. , Rodrigues, B. V. M. and Elisabete Frollini	USP SC
F-18024	PHYSICAL AND MECHANICAL PROPERTIES OF FOREST TIMBER RESIDUES OF THREE AMAZON COMMERCIAL SPECIES	Letícia S. Moreira, Victor H. P. Moutinho and Bruno M. Balboni	UFOPA
F-18025	LIGNIN AND CASTOR OIL AS RAW MATERIALS IN THE SYNTHESSES OF POLYURETHANES WITH SIMULTANEOUS FILMS FORMATION	Ana Cassales and Elisabete Frollini	USP SC
F-18026	ELECTROSPUN MATS FROM CELLULOSE ACETATE/DMAC-THF SOLUTIONS	Thamiris V. Ferracini, Patrícia F. Rossi, Rachel	USP SC

