



Contents lists available at SciVerse ScienceDirect

European Polymer Journal

journal homepage: www.elsevier.com/locate/europolj



Graphical Abstracts/Eur Polym J 49 (2013) 2377–2387

SPECIAL ISSUE SECTION - ADVANCED MACROMOLECULAR SYSTEMS ACROSS THE LENGTH SCALES

Advanced macromolecular systems across the length scales: Smart, nanostructured polymers for controlled molecular release and at biological interfaces

G. Julius Vancso

MESA+ Institute for Nanotechnology, University of Twente, 7500 AE Enschede, The Netherlands

Eur Polym J 49 (2013) 2388

pH- and temperature-responsive poly(aspartic acid)-*l*-poly(*N*-isopropylacrylamide) conetwork hydrogel

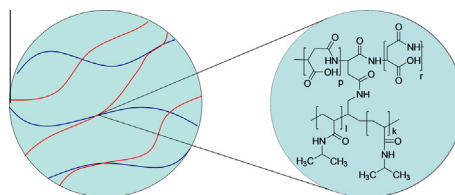
Árpád Némethy^a, Katalin Solti^a, Lóránd Kiss^c, Benjámín Gyarmati^a,
Mária A. Deli^c, Erzsébet Csányi^b, András Szilágyi^a

^aSoft Matters Team, Department of Physical Chemistry and Materials Science, Budapest University of Technology and Economics, Budafoki út 8, Budapest H-1111, Hungary

^bFaculty of Pharmacy, Pharmaceutical Technology Department, University of Szeged, Eötvös utca 6, Szeged H-6720, Hungary

^cInstitute of Biophysics, Biological Research Centre of the Hungarian Academy of Sciences, Temesvári krt. 62, Szeged H-6726, Hungary

Eur Polym J 49 (2013) 2392



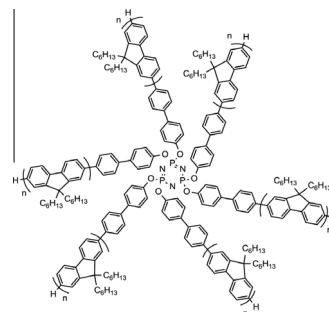
Thermally stable glassy luminescent cyclotriphosphazenes

Joseph Kok-Peng Ng^a, Ching Mui Cho^a, Jia Min Chin^a, Karen Lin Ke^a,
Chaobin He^{a,b}, Jianwei Xu^a

^aInstitute of Materials Research and Engineering, A*STAR (Agency for Science, Technology and Research), 3 Research Link, Singapore 117602, Republic of Singapore

^bDepartment of Materials Science & Engineering, National University of Singapore, 5 Engineering Drive 2, Singapore 117576, Republic of Singapore

Eur Polym J 49 (2013) 2404

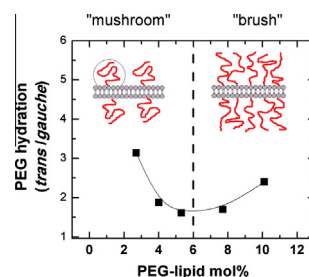


Structural characterization of the poly(ethylene glycol) layer of sterically stabilized liposomes by means of FTIR spectroscopy

Z. Varga, J. Mihály, Sz. Berényi, A. Bóta

Department of Biological Nanochemistry, Institute of Molecular Pharmacology, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Pusztaszeri út 59-67, H-1025 Budapest, Hungary

Eur Polym J 49 (2013) 2415



Comparison of the micro- and macrostructural characteristics of biopolymer cast films

B. Szabó^{a,b}, I. Sebe^c, N. Kállai^d, K. Süvegh^c, R. Zelkó^b

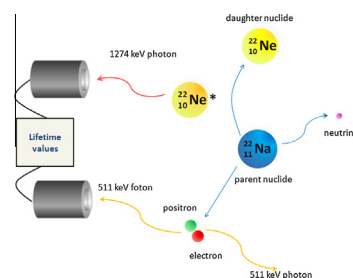
^aGedeon Richter Plc., Formulation R&D, Gyömrői Street 19-21, H-1103 Budapest, Hungary

^bUniversity Pharmacy Department of Pharmacy Administration, Semmelweis University, Högyes Endre Street 7-9, H-1092 Budapest, Hungary

^cLaboratory of Nuclear Chemistry, Eötvös Loránd University, Pázmány Péter Avenue 1/A, H-1117 Budapest, Hungary

^dDepartment of Pharmaceutics, Semmelweis University, Högyes Endre Street 7-9, H-1092 Budapest, Hungary

Eur Polym J 49 (2013) 2422



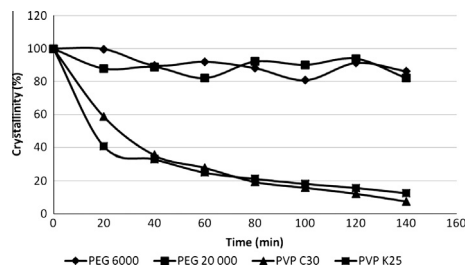
Effects of polymers on the crystallinity of nanonized meloxicam during a co-grinding process

Csaba Mártha^a, Levente Kürti^a, Gabriella Farkas^a, Orsolya Jójárt-Laczkovich^a, Balázs Szalontai^b, Erik Glässer^b, Mária A. Deli^b, Piroska Szabó-Révész^a

^aDepartment of Pharmaceutical Technology, University of Szeged, Eötvös 6, H-6720 Szeged, Hungary

^bLaboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, Hungarian Academy of Sciences, Szeged, Hungary

Eur Polym J 49 (2013) 2426



Synthesis and characterisation of gelatin/zeolite porous scaffold

Neethu Ninan^{a,b,d}, Yves Grohens^a, Anne Elain^a, Nandakumar Kalarikkal^{b,c}, Sabu Thomas^{b,d}

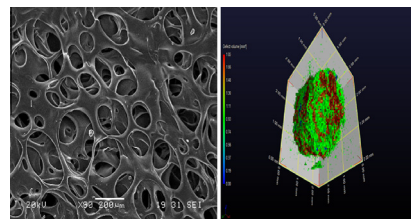
^aUniversité de Bretagne Sud, Laboratoire Ingénierie des Matériaux de Bretagne, BP 92116, 56321 Lorient Cedex, France

^bCentre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Priyadarsini Hills PO, Kottayam 686 560, Kerala, India

^cSchool of Pure and Applied Physics, Mahatma Gandhi University, Priyadarsini Hills PO, Kottayam 686 560, Kerala, India

^dSchool of Chemical Sciences, Mahatma Gandhi University, Priyadarsini Hills PO, Kottayam 686 560, Kerala, India

Eur Polym J 49 (2013) 2433



Download English Version:

<https://daneshyari.com/en/article/10609424>

Download Persian Version:

<https://daneshyari.com/article/10609424>

[Daneshyari.com](https://daneshyari.com)