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MECHANICAL PROPERTIES OF CNT AND PEN NANOCOMPOSITES"; ""5.1. Isothermal Crystallization and Melting Behavior"; ""5.2. Mechanical Properties and Theoretical Approach"; ""6. THERMAL STABILITY AND DEGRADATION BEHAVIOR OF PEN/CNT NANOCOMPOSITES"; ""6.1. Dynamic Mechanical Thermal Properties"; ""6.2. Thermal Stability"; ""6.3. Thermal Degradation Kinetics"; ""6.4. Interconnected Network-Like Structures of MWCNT"; ""7. SUMMARY"; ""REFERENCES""

""RECENT DEVELOPMENTS IN MODIFICATION OF CYANATE ESTER RESINS""1. INTRODUCTION"; ""2. HYBRID NETWORKS FROM CYANATE ESTERS AND POLYETHERS (POLYESTERS)"; ""3. POLYCYANURATE-POLYURETHANE GRAFTED SEMI-IPNS"; ""3.1 Synthesis, Chemical Interaction between Components, Reactive Grafting and Compatibilization"; ""3.2. Kinetic Peculiarities"; ""3.3. Relaxation Behaviour and Phase Structure"; ""3.4. Influence of Carbon Fiber Filler on Formation and Phase Structure"; ""3.5 Properties. Adhesion to Metals"; ""4. POLYCYANURATE-POLYURETHANE LINKED FULL-IPNS"; ""5. CONCLUSIONS"; ""REFERENCES""

""BIODEGRADABLE ALIPHATIC POLYESTERS DERIVED FROM 1,3-PROPANEDIOL: CURRENT STATUS AND PROMISES""""ABSTRACT"; ""1. INTRODUCTION"; ""2. DISCUSSION"; ""2.1. 1,3-Propanediol as a Monomer for Polymer Production"; ""2.2. Synthesis and Characterization of the Polyesters of 1,3-PD"; ""2.3. Biodegradation"; ""2.4. Copolymers"; ""2.5. Blends"; ""2.6. Application of PPSu in Drug Delivery Systems"; ""3. CONCLUSION"; ""REFERENCES"; ""COMPATIBILITY OF COTTON/NYLON AND COTTON/POLYESTER WARP-KNIT TERRY TOWELLING WITH INDUSTRIAL LAUNDERING PROCEDURES"; ""ABSTRACT"; ""INTRODUCTION""

""AIM OF THE STUDY""

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