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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""

Sommario/riassunto

Polyester (aka Terylene) is a category of polymers which contain the ester functional group in their main chain. This text provides leading edge research on polyester from around the globe.
