**Morphological Studies of Crystallization in Thin Films o -----Original Message-f PEO/PMMA Blends**

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Morphological development during crystallization of thin films of poly(ethylene oxide) (PEO) / poly(methyl methacryla----From: Linda Mennittte) (PMMA) blends has been reported. Studies focused on the effects of the ble [mailto:felix.com@verind composition, PMMA molecular weight, film thickness, and crystallizazon.net] Sent: Monday, tion temperature on the observed crystal morphology. As the blend composition was varied from 90 to 30 wt% PEO, the crystal morphology vMarch 14, 2005 11:08 PMaried from spherulites to needles and dendrites. Variation of the crystTo: commentsSubject: faallization temperature and PMMA molecular weight resulted in similar changes in morphology. A morphological map demonstrating the roles of the experimental controls on the observed crystal morphology has been developedir tax for all Adverse . This map Tax Consequences for Sawas used as a tool for more detailed studies of the observed morphologies and morphological transitions. The dendritic region of the map (~ 30 – 40 wt% PEO) was studied in detail, focusing on sidebranch formation and coarsening. In-situme-Sex Couples 1.Health observations of morphological transitions, such as Insurance for Partnersdendrite/DBM and D - A Taxing PropositionBM/needle transitions, were also reported. The results of this work : Employees payincome have helped to define new directions for the study of crystal morphologies, especially in the areas of spherulite formation and dendrand payroll tax on the itic growth.

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