

Nanostructured Immiscible Polymer Blends: Migration and Interface

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Abstract

Nanostructured Immiscible Polymer Blends: Migration and Interface covers a wide range of nanoparticle types, emphasizing the mechanisms and parameters involved in the migration of nanofillers inside immiscible polymer blends. This book explores the influence of nanoparticle migration on the localization, and hence, morphology development, electrical conductivity, and met-rheological properties of blended composite materials. As the influence of solid particles, ranging in size from several hundred nanometers to a few microns in immiscible polymer blends has been extensively studied for use as compatibilizers, morphology stabilizers, and reinforcement agents, this book is a timely resource.