Additive Driven Blends
Electrolyte Materials for Ion Conduction
Ordering of Triblock Copolymer Surfactants and Formation of Ion Conducting Gels using Ionic Liquids
Assembly and Photo-Induced Disorder in Block Copolymer-Additive Systems

Gas Permeation of Polyimide/Pluronic Blends
Photoinduced Ordering of Block Copolymers
Ordering of Pluronic by Hydrogen Bonding Via Small Molecules and Rheological Properties

Inorganic Materials from Supercritical Fluids
Reactive Deposition of Inorganic Films Using Supercritical CO₂
Fabrication of Nanostructured Inorganic Materials

Material %EO PCO₂/PN₂ PCO₂/PH₂
PI80:PEO20 20 59.7 1.8
PI60:PEO40 40 43.3 6.2
PM-ODA/PE021 53.6 69 NR
PM-ODA/PE041 66.6 67 NR