

Abstract Submitted
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Surface segregation of end-functionalized homopolymers in a homopolymer matrix MICHAEL DIMITRIOU, CRAIG HAWKER, EDWARD KRAMER, UCSB — Surface segregation of end-functional poly(2-vinylpyridine) in a blend with P2VP was measured by X-ray photoelectron spectroscopy. A series of chain end functionalized P2VP homopolymers were synthesized *via* either anionic polymerization or Reversible Addition Fragmentation Chain Transfer RAFT and end capped with either a single fluorinated oligomer or a perfluorinated dendrimer. The degree of end functionalization was characterized using NMR spectroscopy, IR spectroscopy and gel permeation chromatography (GPC).

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