## MORPHOLOGY DEVELOPMENT AND INTERFACIAL INTERACTIONS IN POLYCAPROLACTONE/THERMOPLASTIC STARCH BLENDS

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The coalescence, continuity development, dynamic and static mechanical properties, as well as interfacial interactions, were studied for polycaprolactone/ thermoplastic starch blends. These materials, prepared by a one-step extrusion process, demonstrate the features of a highly interacting system and the tensile mechanical properties demonstrate exceptional ductility at very high levels of thermoplastic starch without any added interfacial modifier.