

Name of project: Tailoring polymer property by developing in-situ nanofibrils

Name of project supervisor: Prof. Chul B. Park

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Please provide a description of your project: We are working with a view to improving the mechanical properties and foamability of engineering plastics. The project includes the usage of twin screw extruder, fiber spinning system, melt blown system, batch foaming and foam injection molding processes. Besides polymer processing, a number of characterization techniques such as DSC, rheometry, high resolution sem are being explored.

Who should apply for this project- Both MEC and IND