

CHAPTER 6

RECOMMENDATIONS FOR FUTURE WORK

- 1) Study should extend to the PP-E3B β nucleator system with higher concentrations of E3B than what was reported in this thesis. Effects of mixing or incorporate process of β -nucleator into the PP as well as the product forming process on structure and properties should be further investigated .
- 2). A better understanding of an improvement in gas permeation in PP cast films having E3B pigment should be established. A clear picture of a mechanism involved should serve as a useful guideline in further study of production of porous films and fibers.
- 3). Having recognized that extrusion and film blowing are common and continuous processes for PP film production, analysis of PP blown films with an addition of β -nucleator would provide an interesting aspect of the effects of such additive in films' mechanical properties and permeability.