

## REFERENCES

- Agrawal, V., Gupta, A.K., and Maiti, S.N. Melt rheological behavior of PP-SAN blends. Journal of Applied Polymer Science 43 (1991): 1891-1900.
- Akovali, G. The Interfacial Interactions in Polymeric Composites. Dordrecht: Kluwer Academic Publishers, 1993.
- Albertson, A.C., and Huang, S.J. Degradable Polymers, Recycling, and Plastics Waste Management. New York: Marcel Dekker, 1995.
- Armstrong, R.C., Thomas, E.L., and Villar, M.A. Rheological properties of thermoplastic starch and starch/poly(ethylene-co-vinyl alcohol) blends. Polymer 36 (November 1995): 1869-1876.
- Baer, E., Bazhenov, S., Hiltner, A., and Li, J.X. Ductility of filled polymers. Journal of Applied Polymer Science 52 (1994): 243-254.
- Baer, E., Hiltner, A., Li, J.X., and Silverstein, M. The ductile-to-quasi-brittle transition of particulated-filled thermoplastic polyester. Journal of Applied Polymer Science 52 (1994): 255-267.
- Bernreitner, K., Gahleitner, M., and Neibl, W. Correlations between rheological and mechanical properties of mineral filled polypropylene compounds. Journal of Applied Polymer Science 53 (1994): 283-289.
- Bicerano, J. Prediction of Polymer Properties. New York: Marcel Dekker, 1993.
- Chum, H.L. Polymers from Biobased Materials. New Jersey: Noyes Data Corporation, 1991.
- Coleman, M.M., and Painter, P.C. Fundamentals of Polymer Science. Pennsylvania: Technomic Publishing Co., 1994.

- Emkolopyan, N.S. Advances in Polymer Science. Vol. 96: Filled Polymer I. Berlin: Springer-Verlag, 1990.
- Flokes, M.J., and Hope, P.S. Polymer Blends and Alloys. London: Chapman & Hall, 1993.
- Griffin, G.J.L. Chemistry and Technology of Biodegradable Polymers. London: Chapman & Hall, 1994.
- Griffin, G.J.L. United States Patent 5,212,219 (1993).
- Grubb, D.T., and Sawyer, L.C. Polymer Microscopy. 2nd ed. London: Chapman & Hall, 1996.
- Han, C.D. Rheology in Polymer Processing. London: Academic Press, 1976.
- Kirk, R.E., and others. Encyclopedia of Chemical Technology. Vol. 22: Silicon compounds to succinic acid and succinic anhydride. New York: John Wiley & Sons, 1997.
- Line-Hwa Chu , and others. Viscosity-morphology-compatibility relationship of polymer blends. Journal of Applied Polymer Science 49 (1993) :1791-1797.
- Matsuoka, S. Relaxation Phenomena in Polymers. New York: Carl Hanser Verlag, 1992.
- Neilsen, L.E., and Landel, R.F. Mechanical Properties of Polymers and Composites. New York: Marcel Dekker, 1994.
- Rosen, S.L. Fundamental Principles of Polymeric Materials. 2nd ed. New York: John Wiley & Sons, 1993.
- Strong, A.B. Plastics-Materials and processing. New Jersey: Simon & Schuster, 1996.
- Suwat Kanchanakul. Viscosity and extrudate distortion (melt fracture) of glass-sphere-filled HDPE in a capillary. Master's Thesis, Chulalongkorn University, 1995.

- Vaidya, U.R., and others. Effect of processing conditions on the dynamic mechanical properties of starch and anhydride functional polymer blends. Polymer 36 (November 1995): 1179-1188.
- Willett, J.L. Mechanical properties of LDPE/granular starch composites. Journal of Applied Polymer Science 54 (1994): 1685-1695.

## CURRICULUM VITAE

**Name :** Ms. Thipa Naiyawat

**Birth Date :** January 25, 1975

**Nationality :** Thai

**University Education :**

1992-1996 Bachelor's Degree of Science in Material Science  
Chulalongkorn University