

REFERENCES

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APPENDIX

APPENDIX A Mechanical Properties of HDPE/PBT Blending

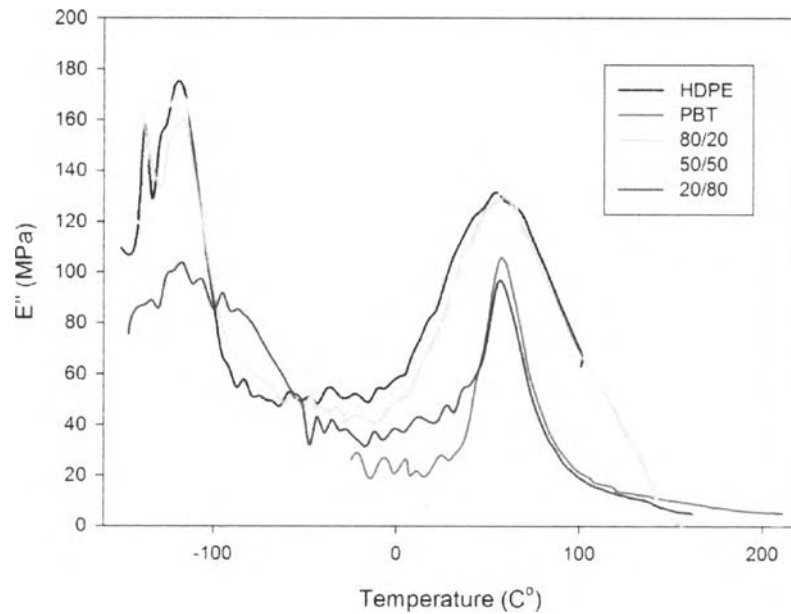


Figure A1 Loss modulus of HDPE/PBT 80/20, HDPE/PBT 30/70 and HDPE/PBT 20/80 Blend with no compatibilizer.

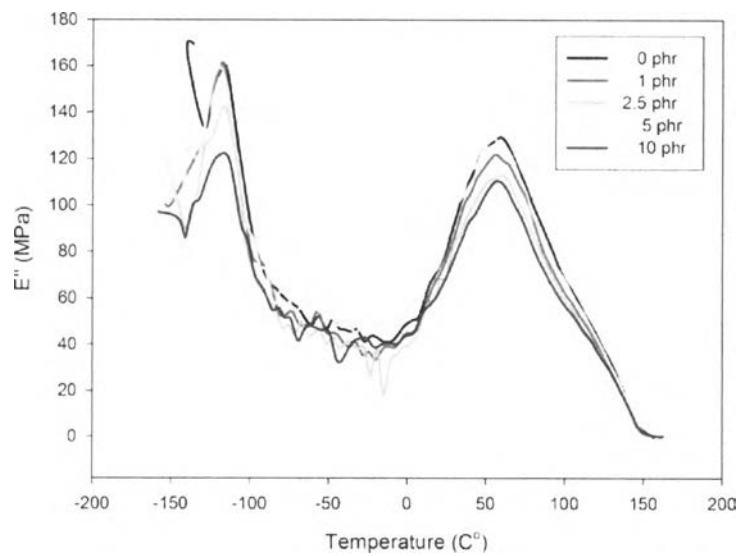


Figure A2 Loss modulus of HDPE/PBT 80/20 Blend with compatibilizer 0, 1, 2.5, 5 and 10 phr.

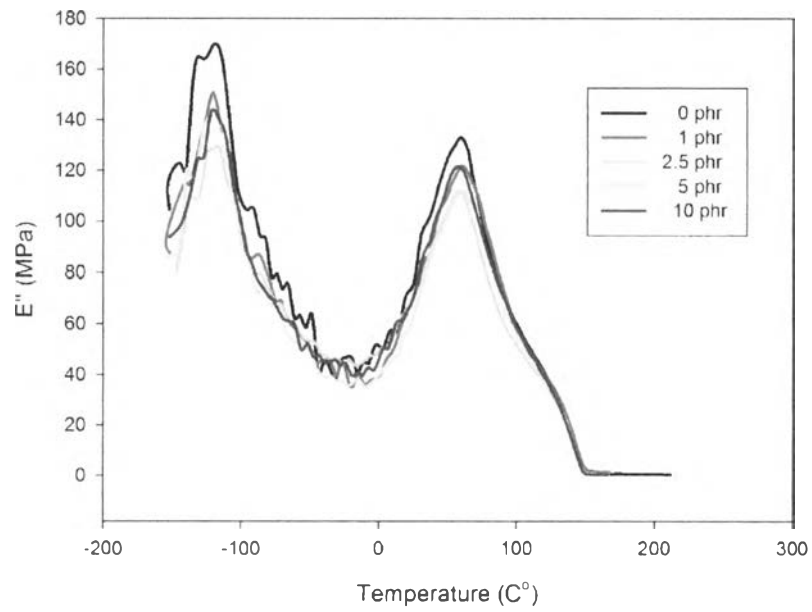


Figure A3 Loss modulus of HPDE/PBT 50/50 blend with compatibilizer 0, 1, 2.5, 5 and 10 phr.

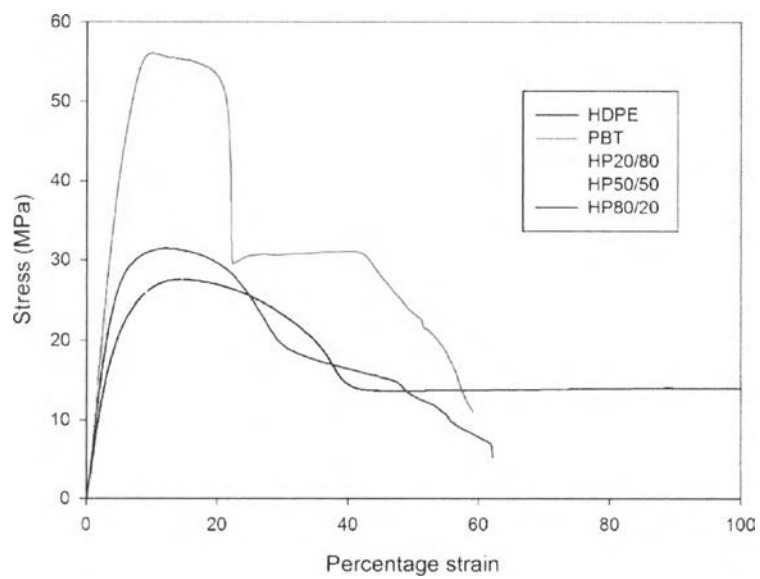


Figure A4 Stress vs strain curve of HDPE/PBT with different ratio.

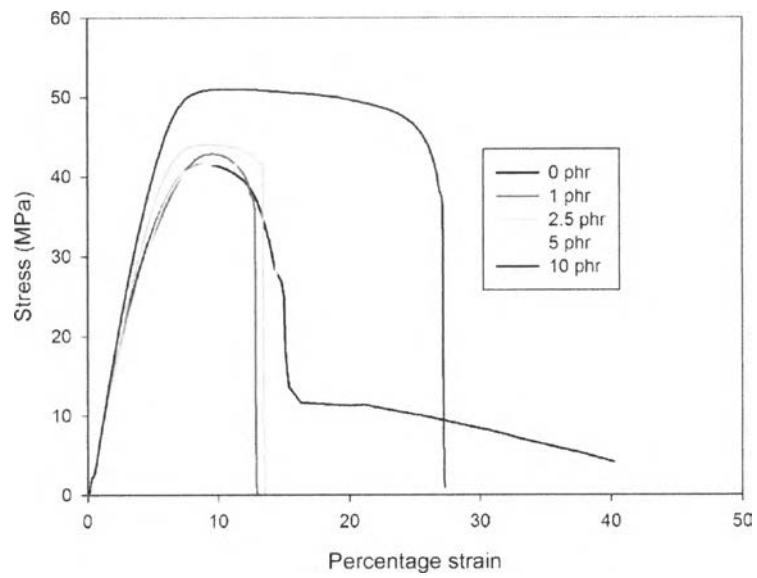


Figure A5 Stress vs strain curve of HDPE/ PBT 20/80 with compatibilizer.

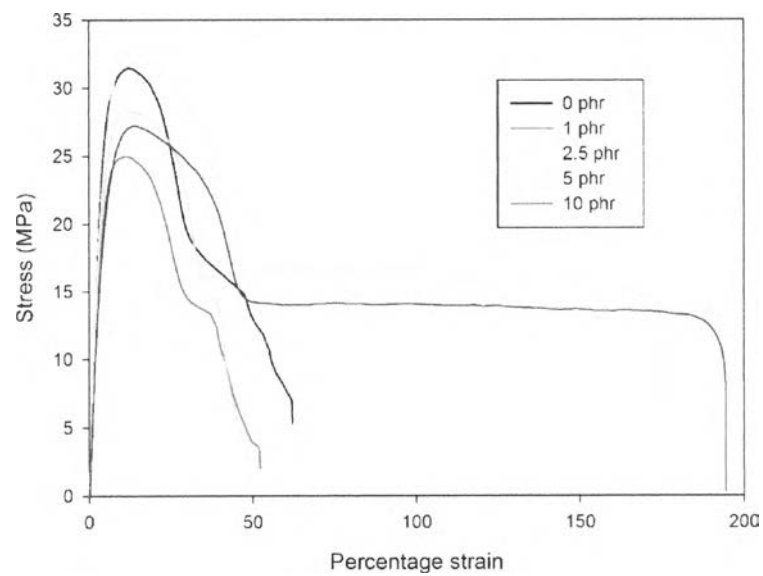


Figure A6 Stress vs strain curve of HDPE/PBT 80/20 with compatibilizer.

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Proceeding

1. Lukanapisest, P. and Nithitanakul, M. (2013, April 23) Reactive Compatibilization of Poly(buthylene terephthalate)/high Density Polyethylene by Maleic Anhydride Grafted High Density Polyethylene. Proceedings of the 4th Research Symposium on Petrochemical and Materials Technology and the 19th PPC Symposium on Petroleum, Petrochemicals, and Polymers. Bangkok, Thailand.

Presentation

2. Lukanapisest, P. and Nithitanakul, M. (2013, April 23) Reactive Compatibilization of Poly(buthylene terephthalate)/high Density Polyethylene by Maleic Anhydride Grafted High Density Polyethylene. Paper presented at the 4th Research Symposium on Petrochemical and Materials Technology and the 19th PPC Symposium on Petroleum, Petrochemicals, and Polymers. Bangkok, Thailand.