Appendix A: Differential Scanning Calorimeter Thermograms For ENR/A4 blends

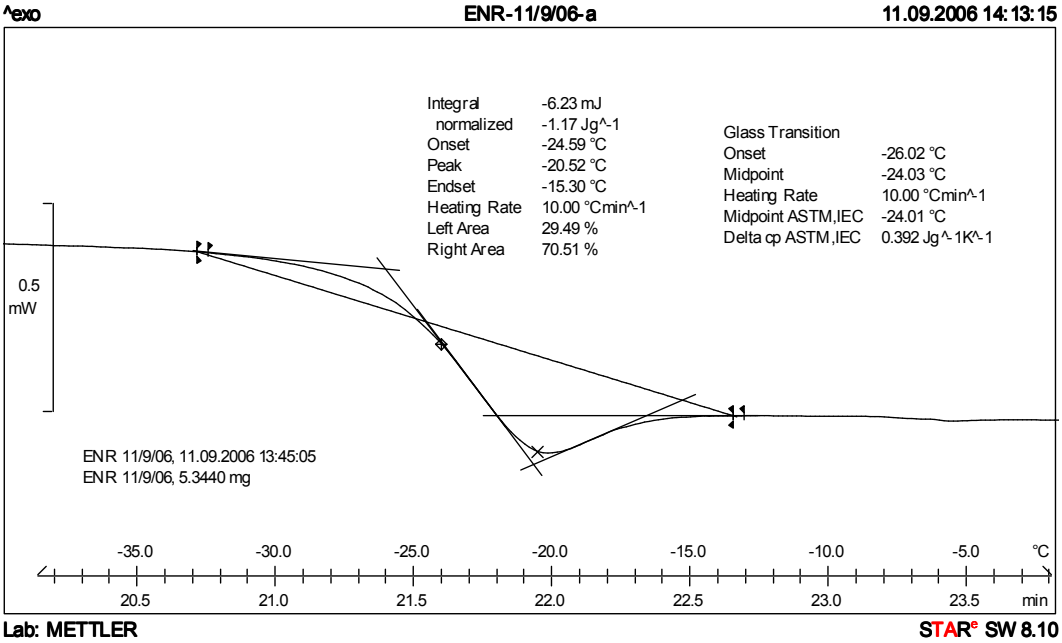

Figure 1 DSC thermogram for ENR 50

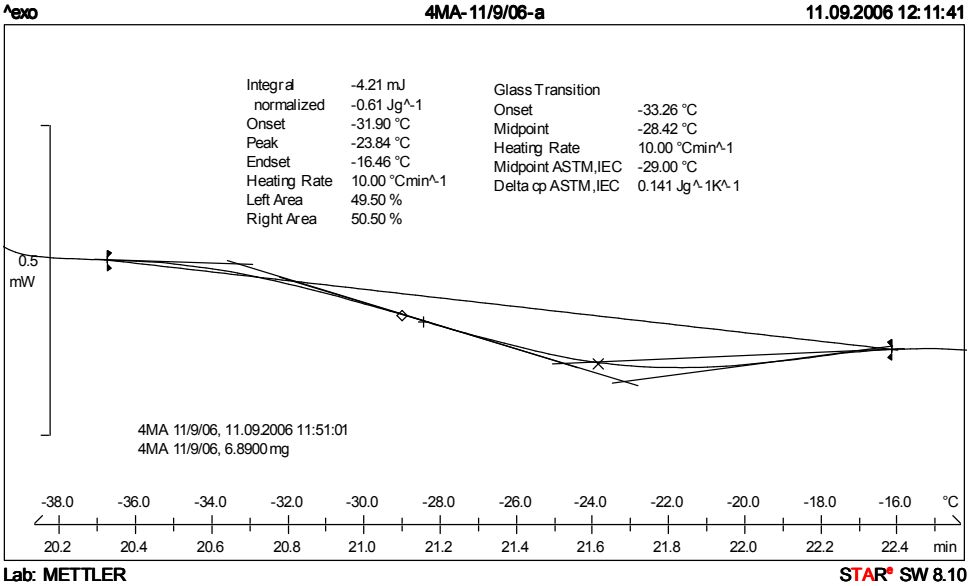

Figure 2 DSC thermogram for alkyd A4

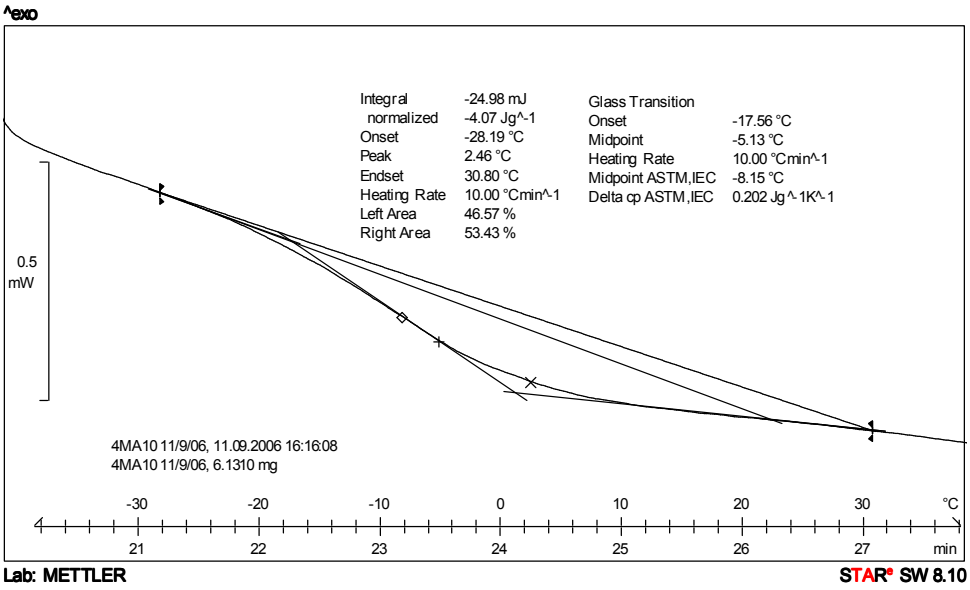

Figure 3 DSC thermogram for $A4_{0.5}$ reacted at ambient temperature for 3 hours

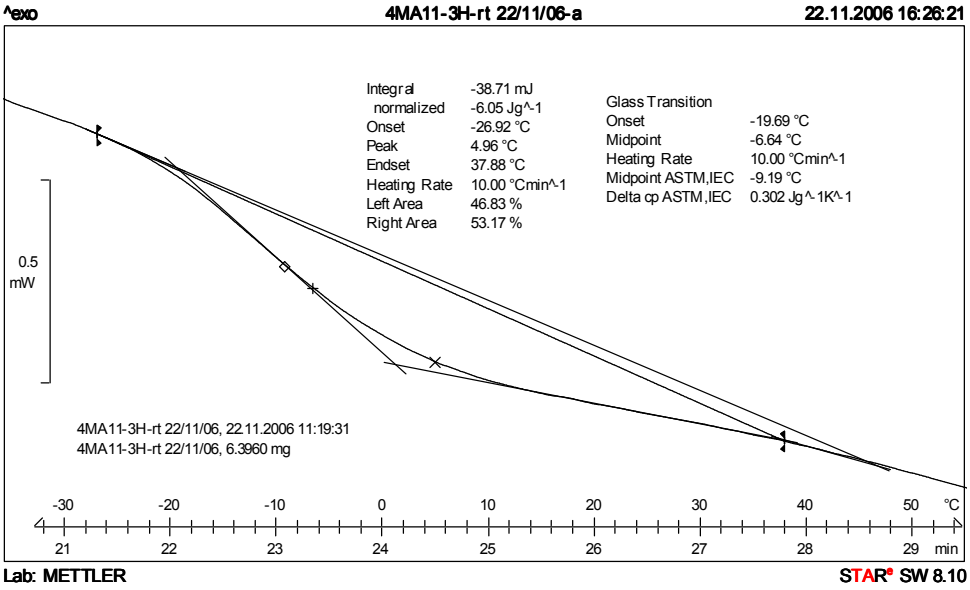

Figure 4 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 3 hours

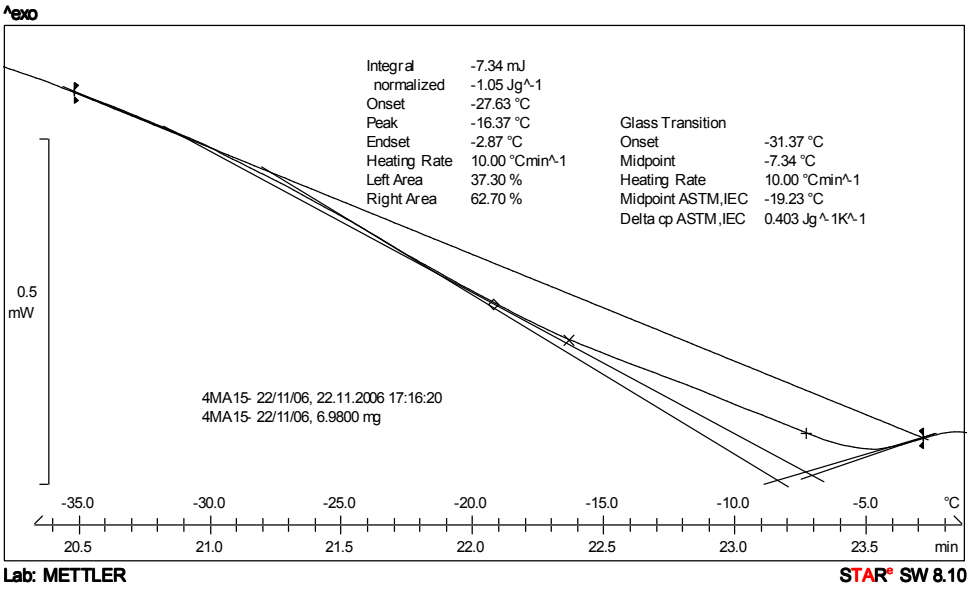

Figure 5 DSC thermogram for $A4_{1.5}$ reacted at ambient temperature for 3 hours

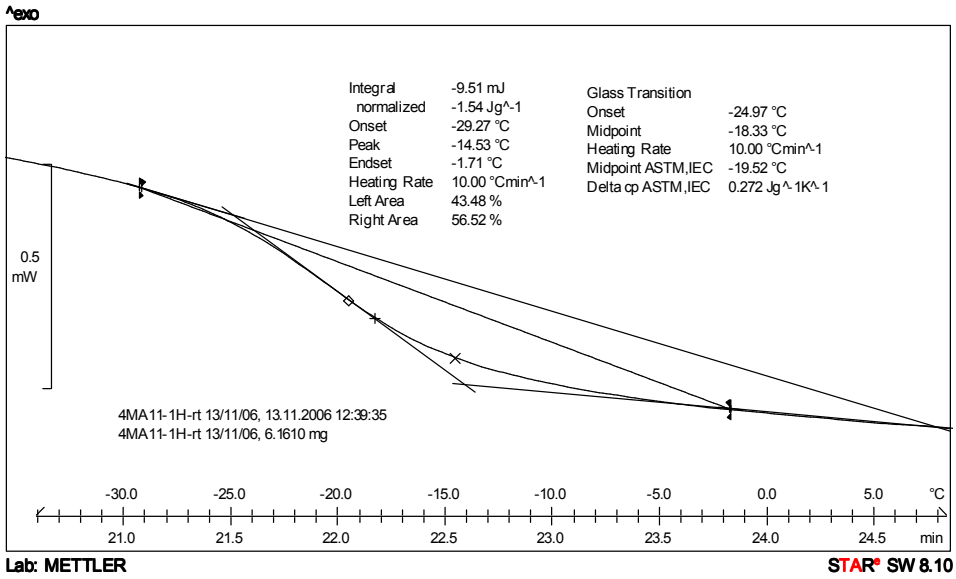

Figure 6 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 1 hour

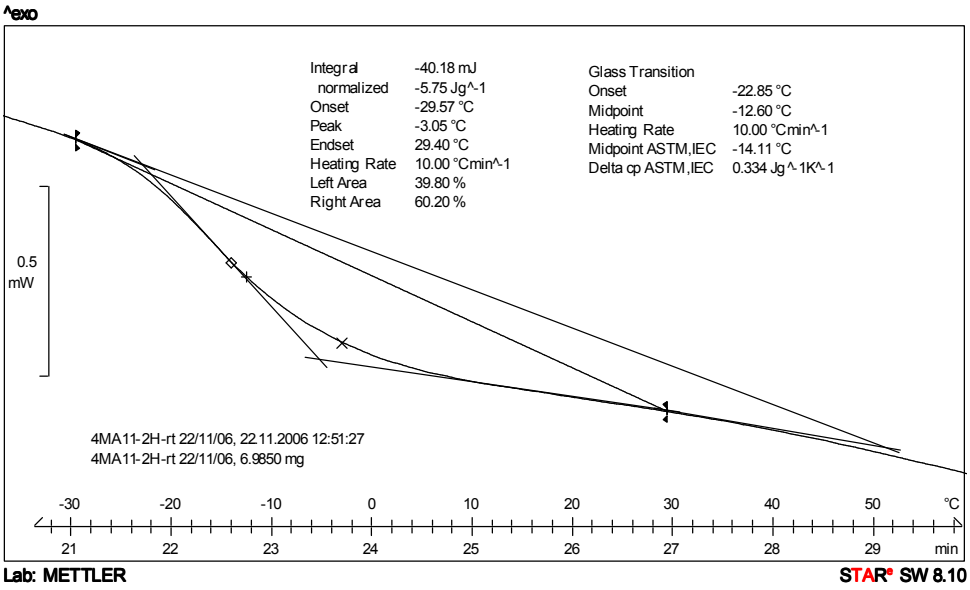

Figure 7 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 2 hours

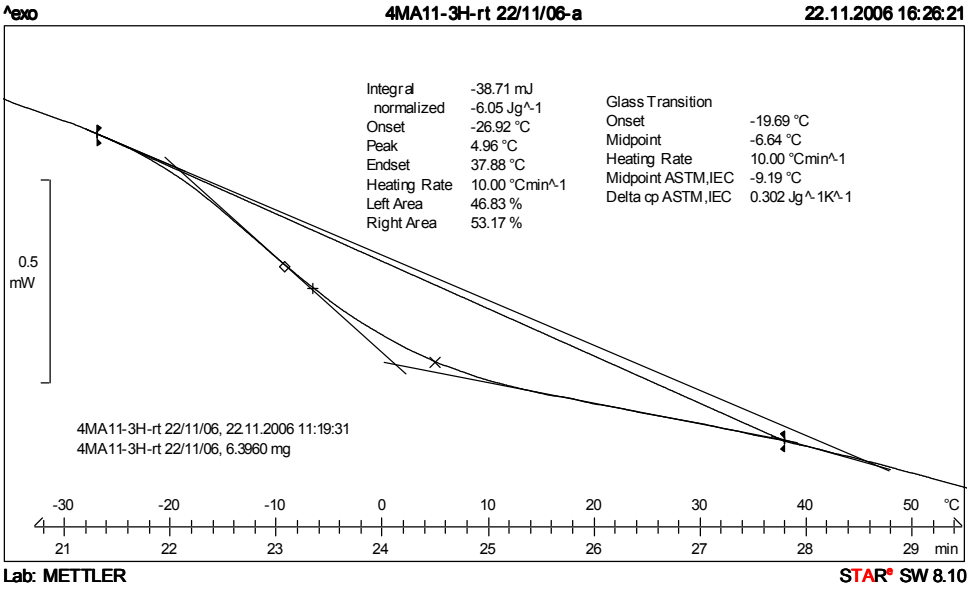

Figure 8 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 3 hours

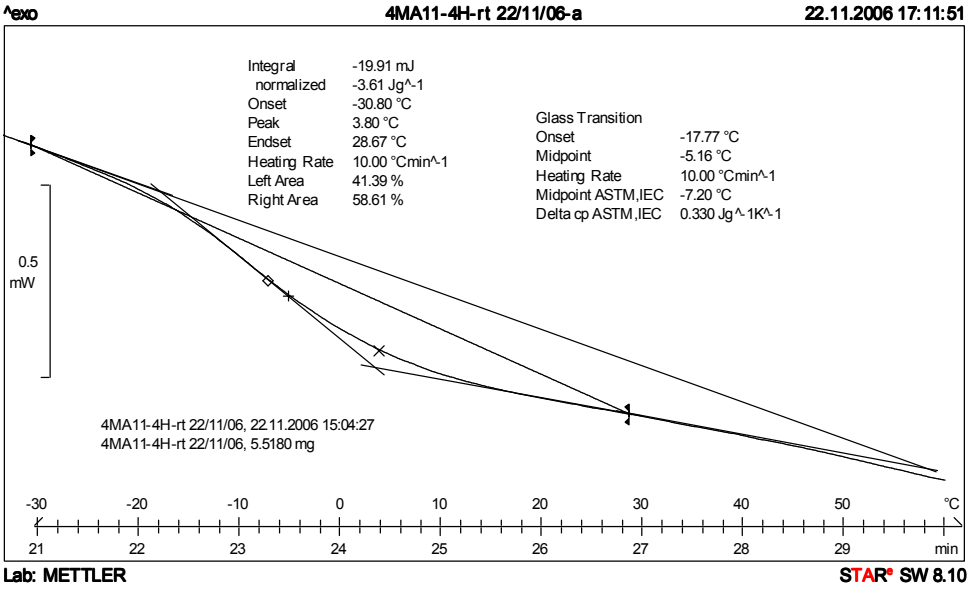

Figure 9 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 4 hours

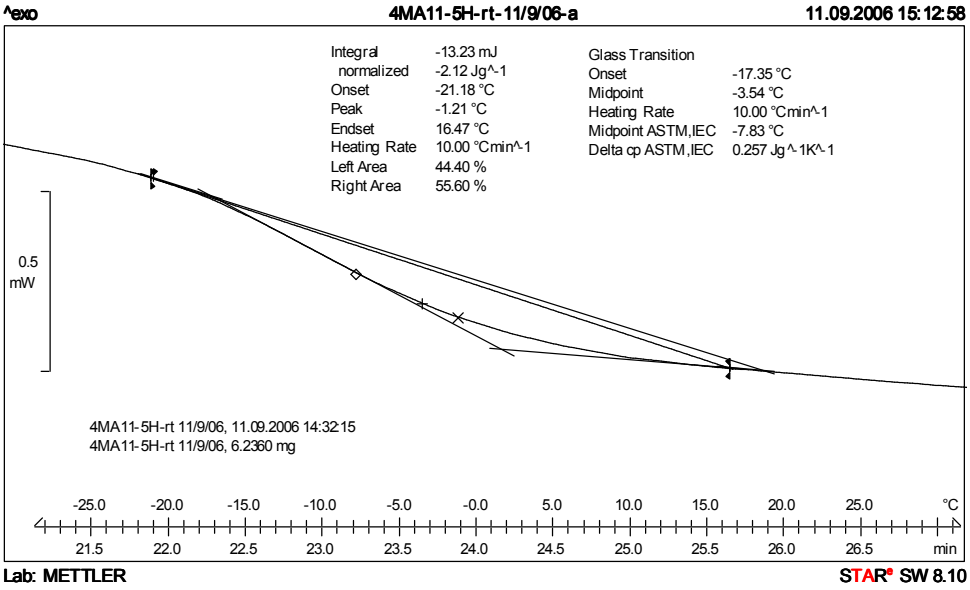

Figure 10 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 5 hours

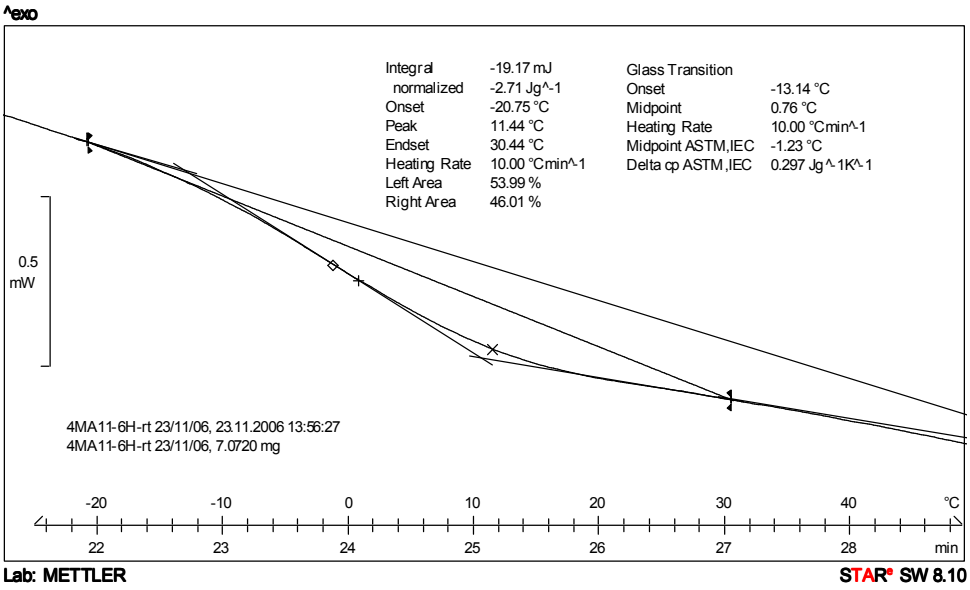

Figure 11 DSC thermogram for $A4_{1.0}$ reacted at ambient temperature for 6 hours

Appendix B: Differential Scanning Calorimeter Thermograms For ENR/PHA blends

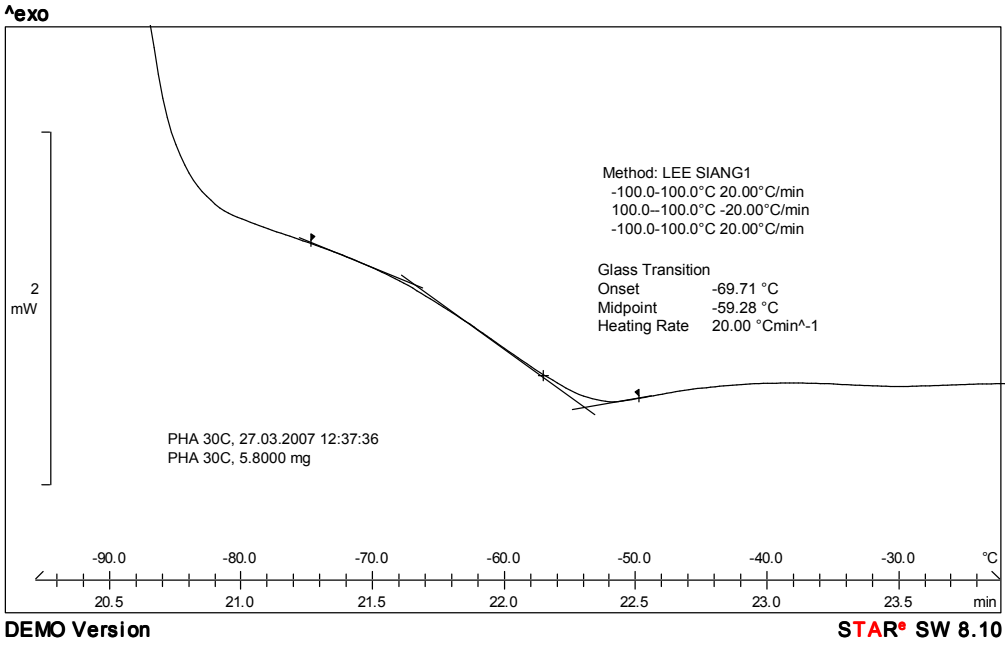

Figure 12 DSC thermogram for mcl-PHA

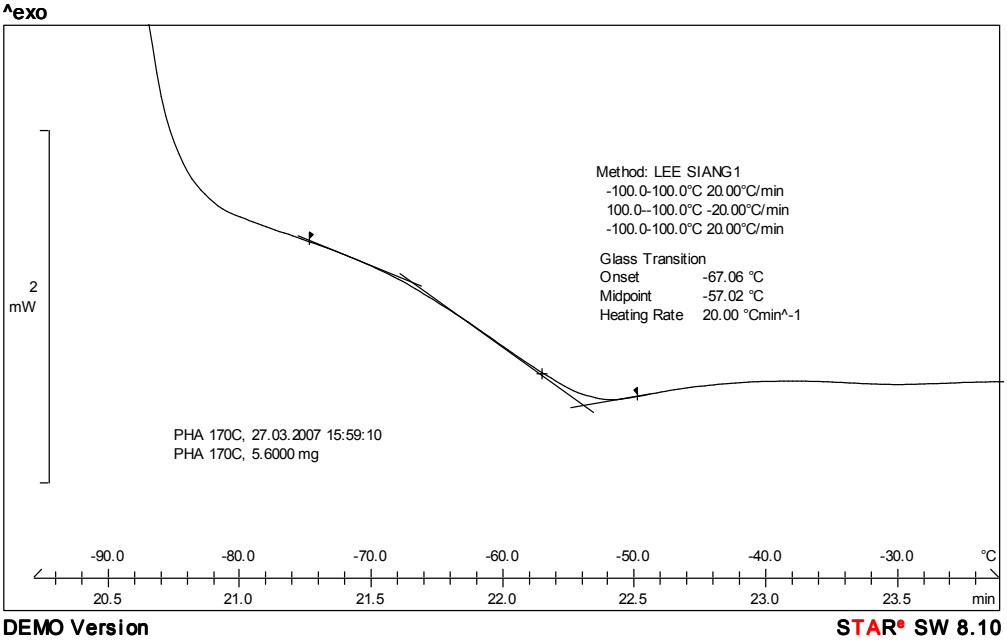

Figure 13 DSC thermogram for mcl-PHA after heated at 170°C for 30 minutes

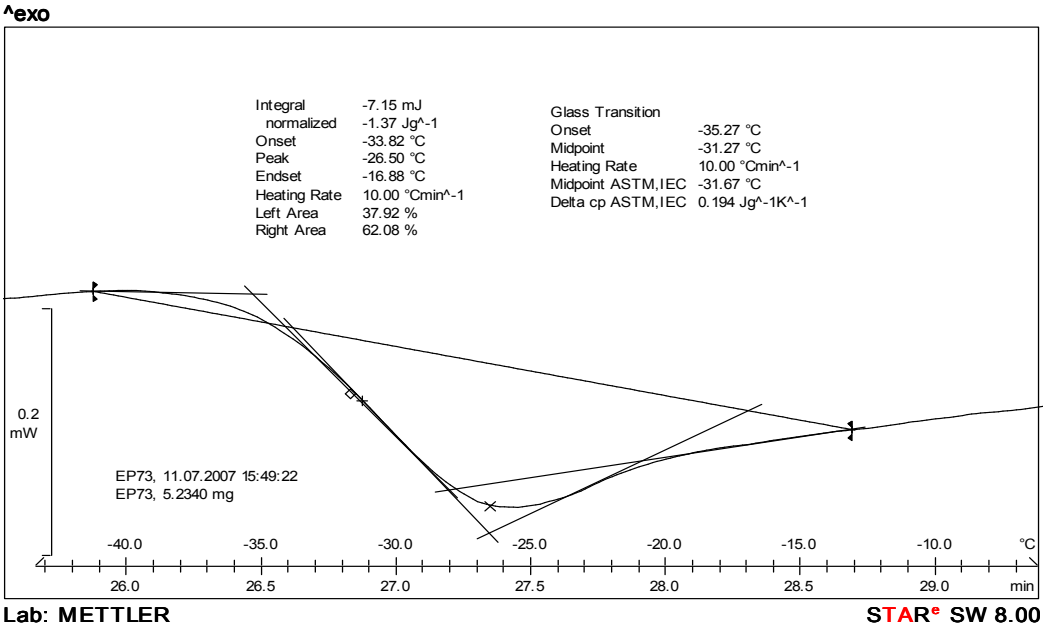

Figure 14 DSC thermogram for P_{30} after reacted at 170°C for 30 minutes

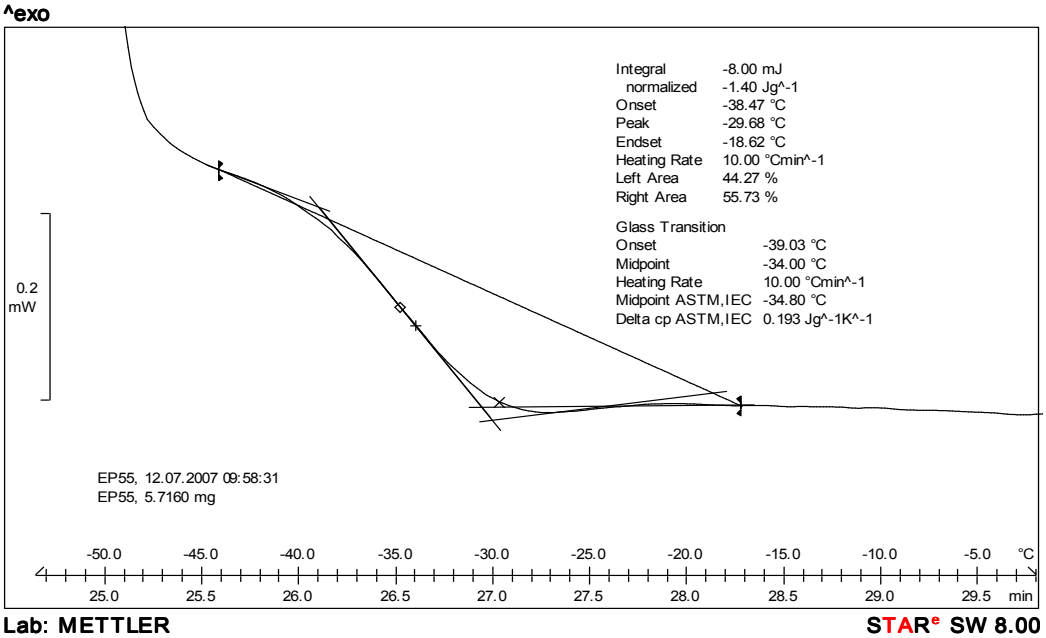

Figure 15 DSC thermogram for P_{50} after reacted at 170°C for 30 minutes

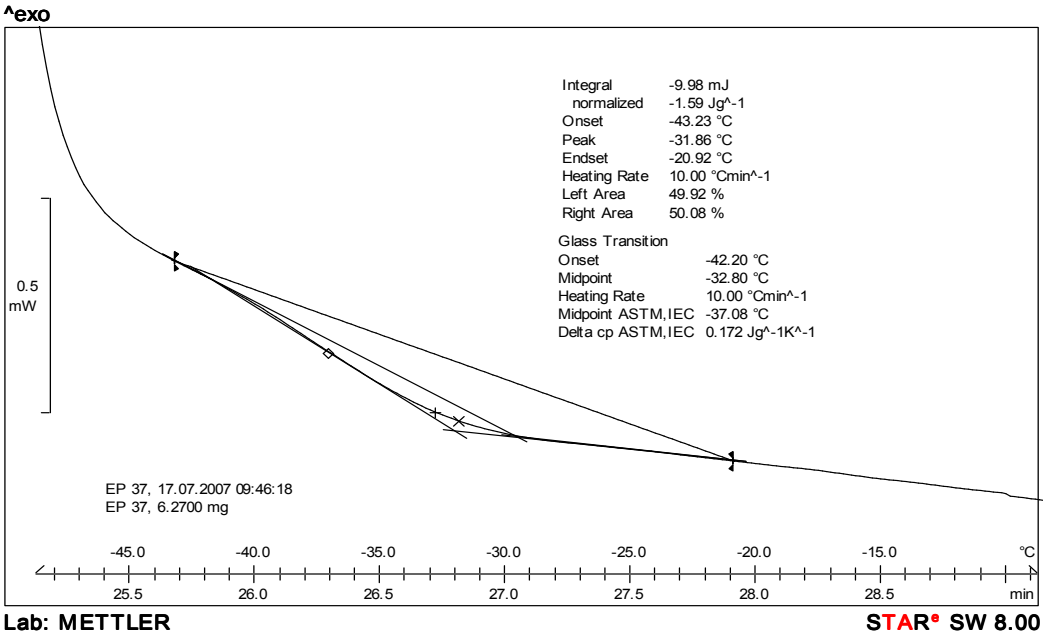

Figure 16 DSC thermogram for P_{70} after reacted at 170°C for 30 minutes

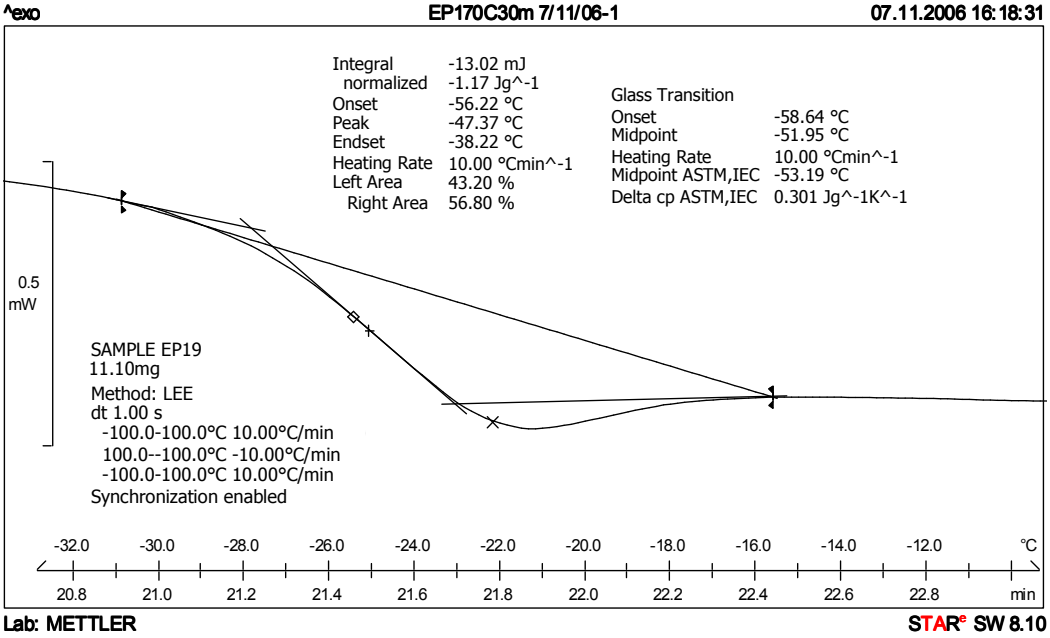

Figure 17 DSC thermogram for P_{90} after reacted at 170°C for 30 minutes