

Figure 1. Kinetics for individual monomers in MMA/BA copolymerization from modified Al₂O₃ particles. Conditions: [MMA]₀ = [BA]₀ = 0.01 mol; modified Al₂O₃ particles, 0.47g; [CuBr] = [PMDETA] = 0.03 mmol; 110°C.

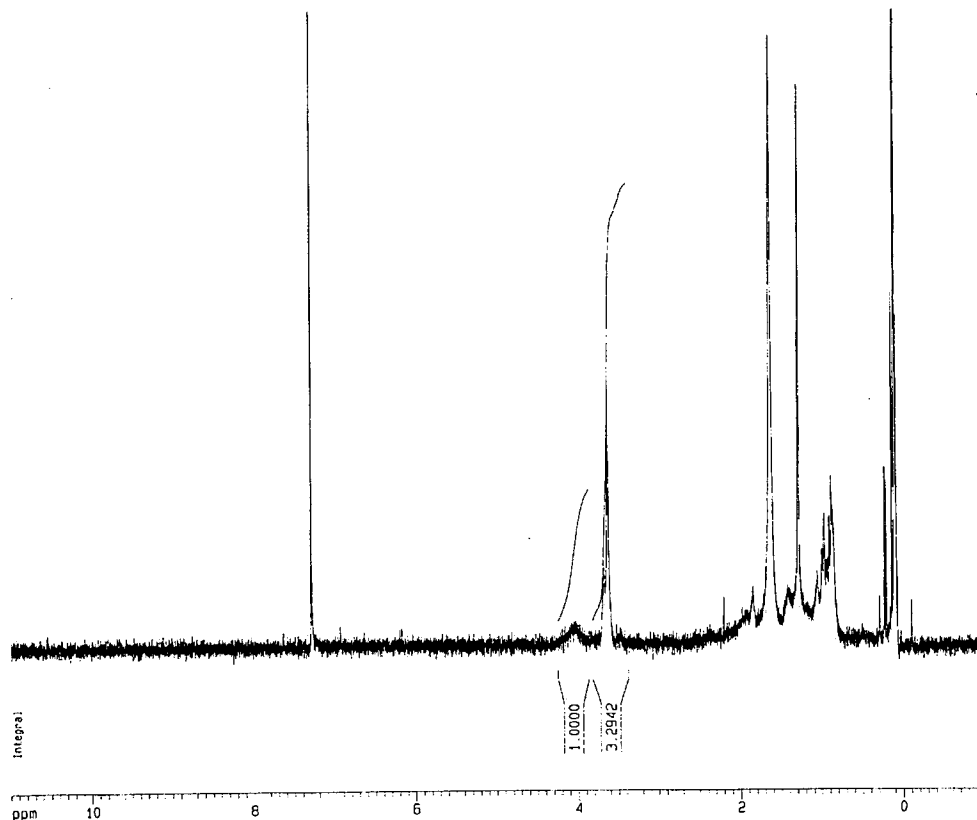


Figure 2. ¹H NMR spectrum (CDCl₃) of polymer cleaved from Al₂O₃ particles.

Conditions: [MMA]₀ = [BA]₀ = 0.01 mol; modified Al₂O₃ particles, 0.47g; [CuBr] = [PMDETA] = 0.03 mmol; 110 °C.

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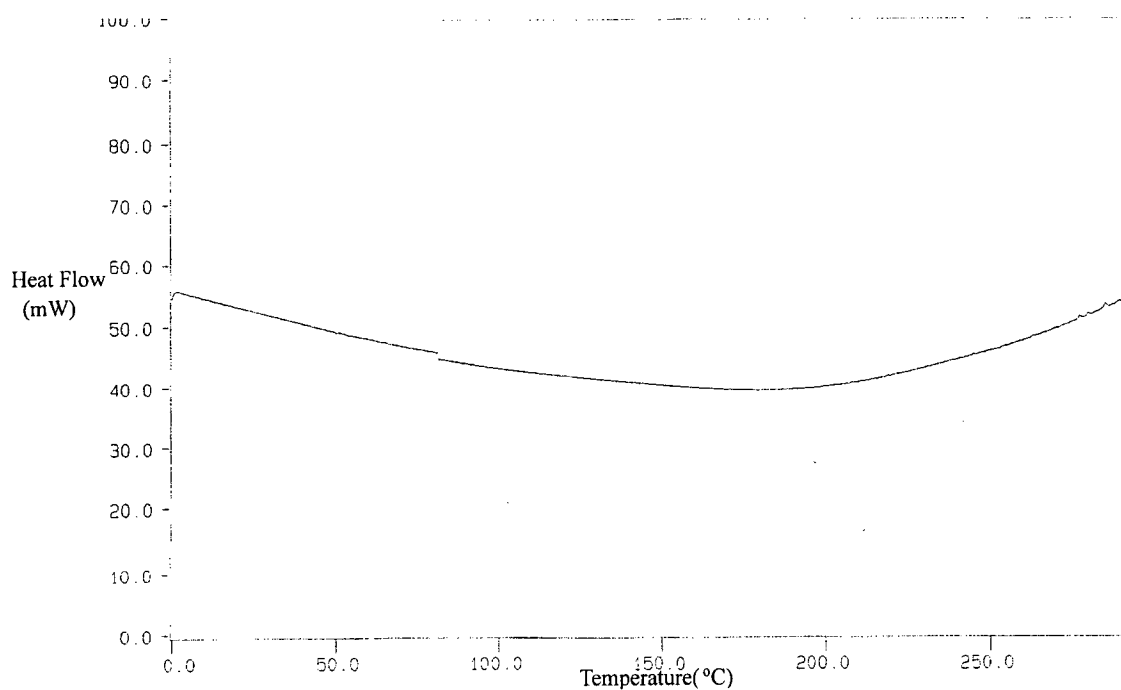


Figure 3. DSC scan of Al₂O₃/PMMA-co-PBA composite