

**APPENDIX C**

DSC/TGA traces for additives synthesised

Figure	Additives synthesised
C1	TOTA
C2	TOTOL
C3	STETA
C4	STEMA
C5	STEDIOL
C6	OTMQ
C7	BUTA
C8	BUTOL
C9	BUMA
C10	BUDIOL

Figure C1 DSC/TGA traces for copolymer of caprolactone with TAA-OL (TOTA)



Figure C2 DSC/TGA traces for copolymer of caprolactone with N-HE-TAA-OL (TOTOL)

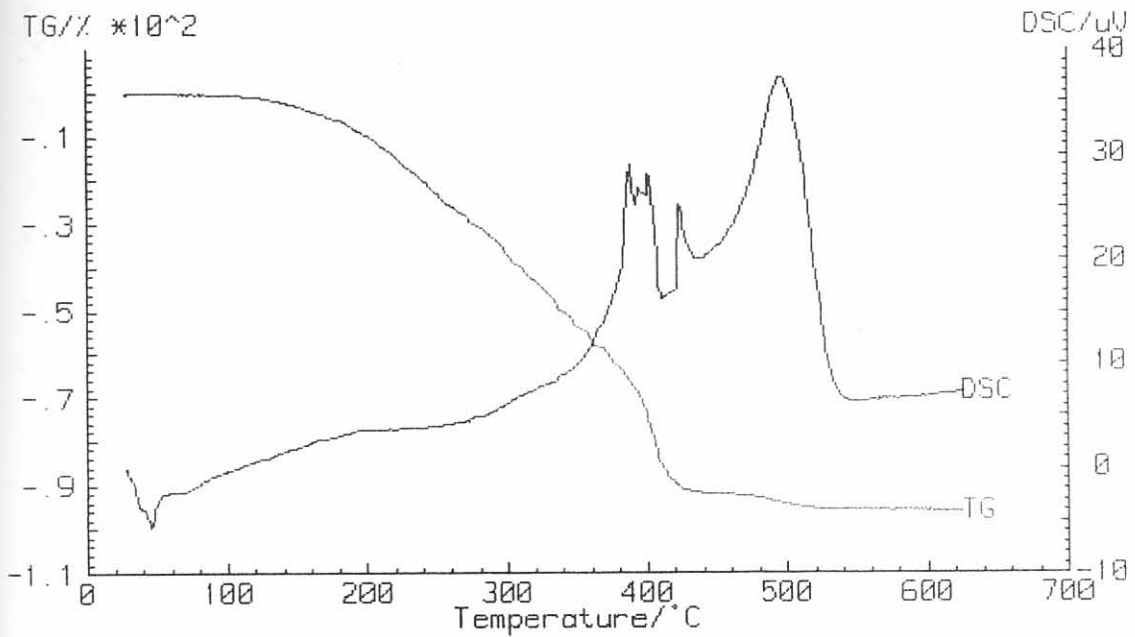


Figure C1 DSC/TGA traces for copolymer of caprolactone with TAA-OL (TOTA)

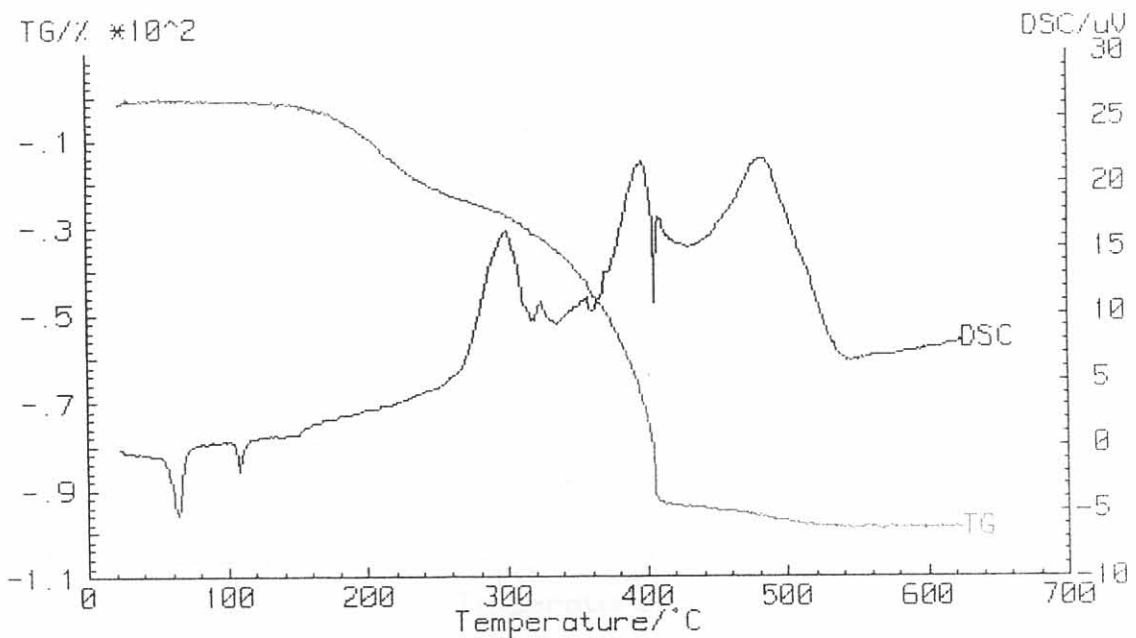


Figure C2 DSC/TGA traces for copolymer of caprolactone with N-HE-TAA-OL (TOTOL)

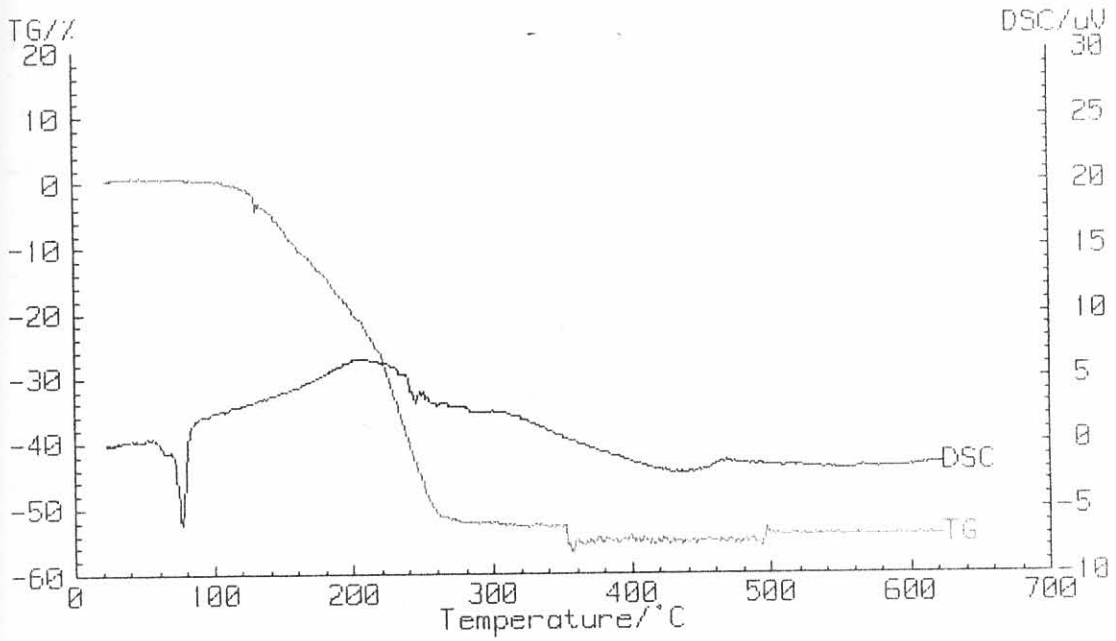


Figure C3 DSC/TGA traces for copolymer of stearic acid with TAA-OL (STETA)

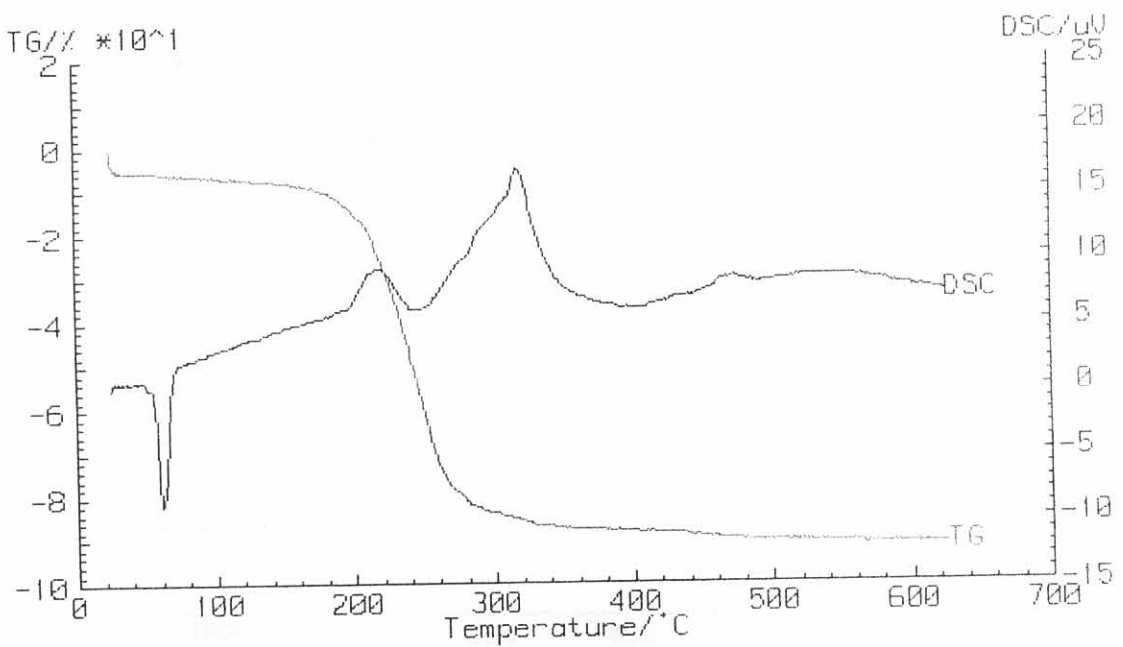


Figure C4 DSC/TGA traces for copolymer of stearic acid with N-METHYL-TAA-OL (STEMA)

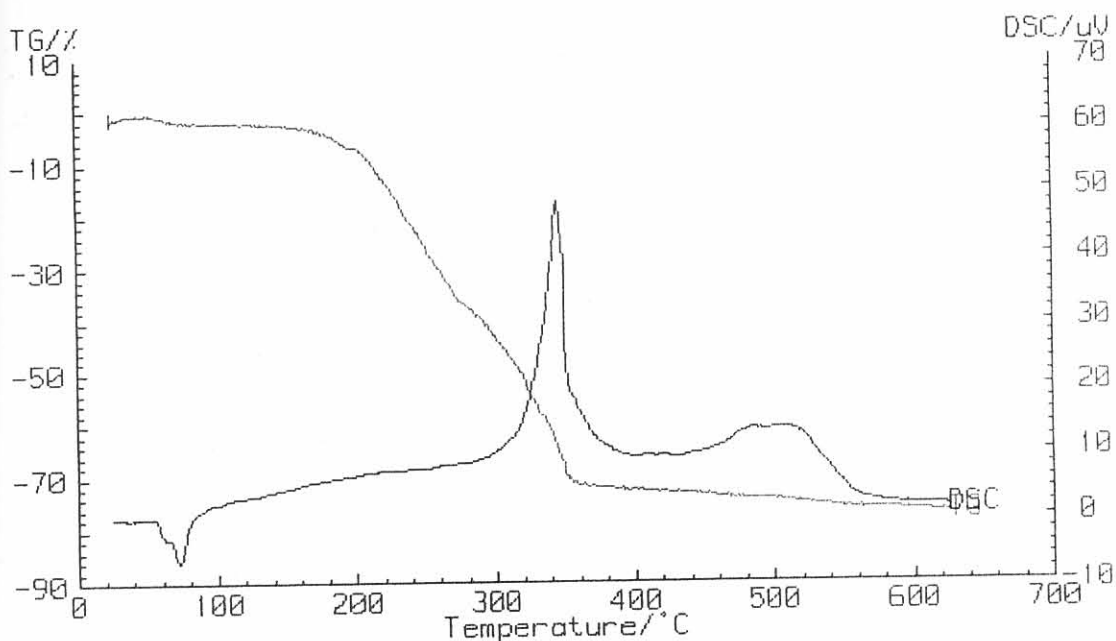


Figure C5 DSC/TGA traces for copolymer of stearic acid with 2,2-(2,2,6,6-Tetramethyl-4-piperidinyloxy)ethyl methacrylate (STEDIOL)

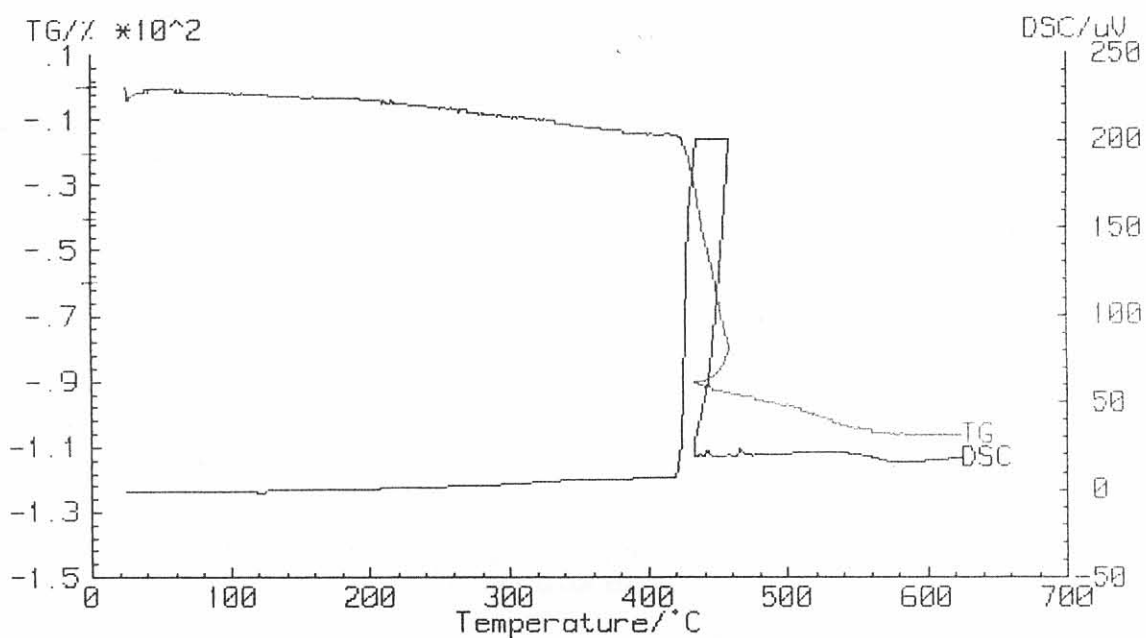


Figure C6 DSC/TGA traces for Poly(1,2-dihydro-2,2,4-trimethylquinone) (OTMQ)

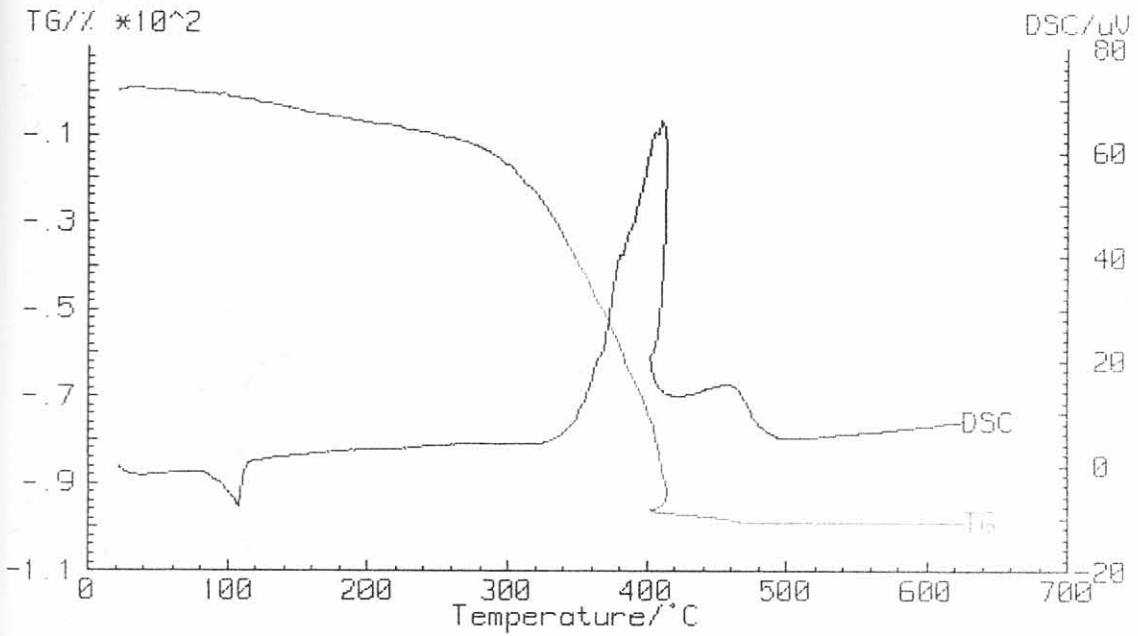


Figure C7 DSC/TGA traces for copolymer of polybutylene succinate with TAA-OL (BUTA)

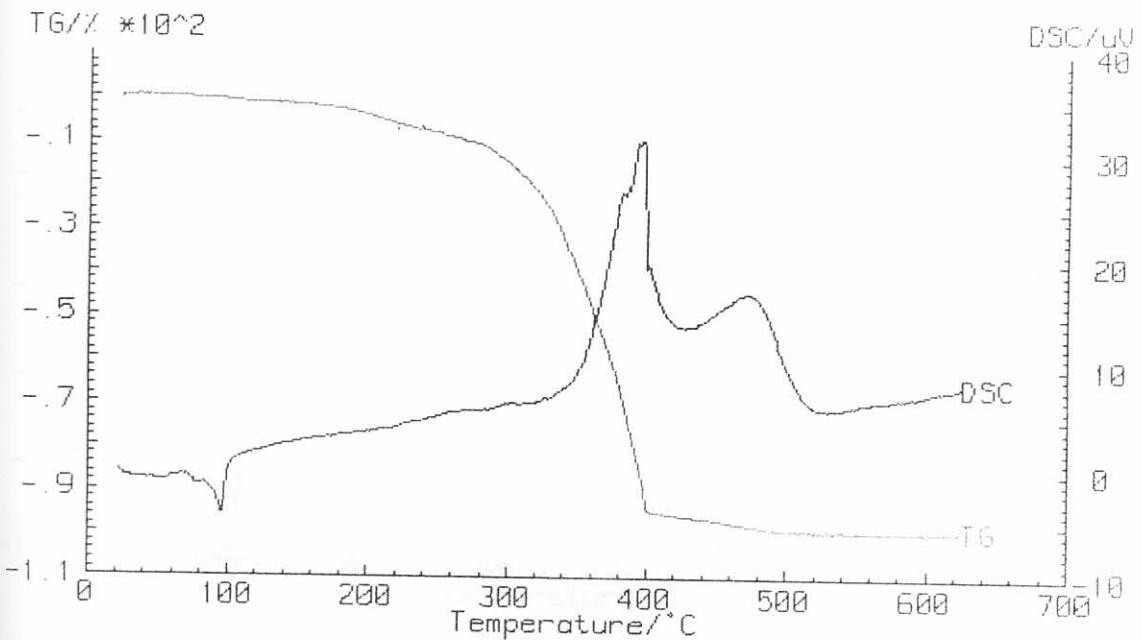


Figure C8 DSC/TGA traces for copolymer of polybutylene succinate with N-HE-TAA-OL (BUTOL)

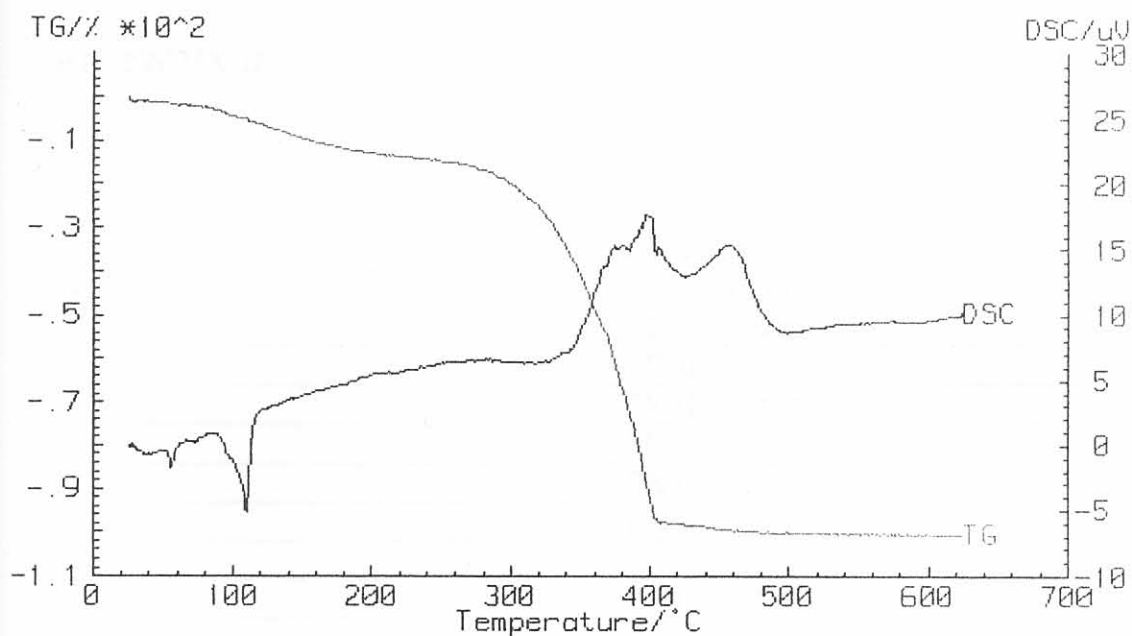


Figure C9 DSC/TGA traces for copolymer of polybutylene succinate with N-METHYL-TAA-OL (BUMA)

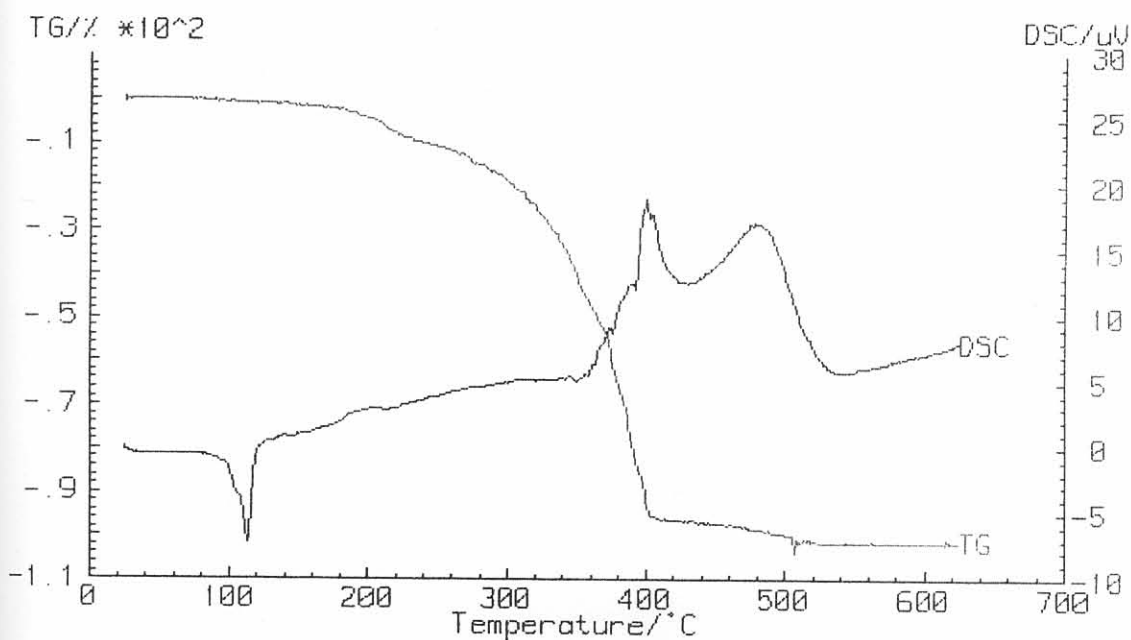


Figure C10 DSC/TGA traces for copolymer of polybutylene succinate with 2,2-(2,2,6,6-Tetramethyl-4-piperidinyloxy)bis(Ethanol) (BUDIOL)