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 "Synthesis of AB (BA) ABA and BAB Block copolymers of
 tert-butylmethacrylate (A) and ethylene oxide (B) " *CA Vol*
117, 16, 151478, J. Polym. Sci., Part-A: Polym. Chem. Ed.,
1992, 30, 2251-2261.

Thermal analysis of P18207-tBuMAEO

Thermal analysis of the samples was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 10°C/min. The midpoint of the slope change of the heat flow plot of the second heating scan was considered as the glass transition temperature (T_g).

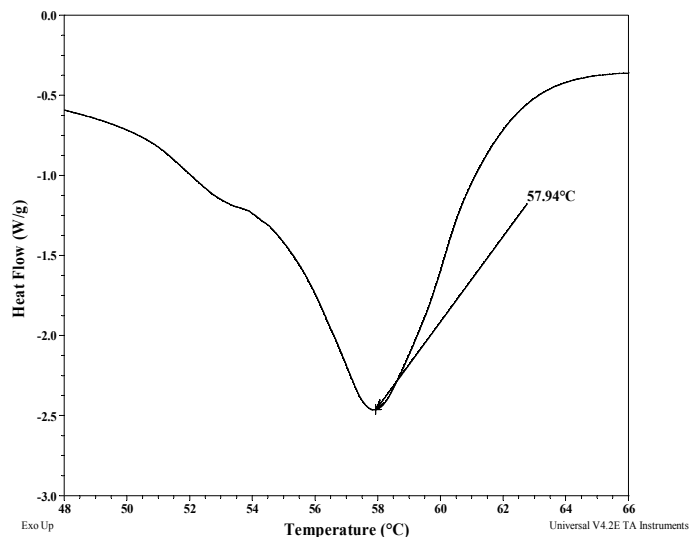
Melting and crystallization curve for the sample

The melting temperature (T_m) was taken as the maximum of the endothermic peak where as the crystallization temperature (T_c) was considered as the minimum of the exothermic peak.

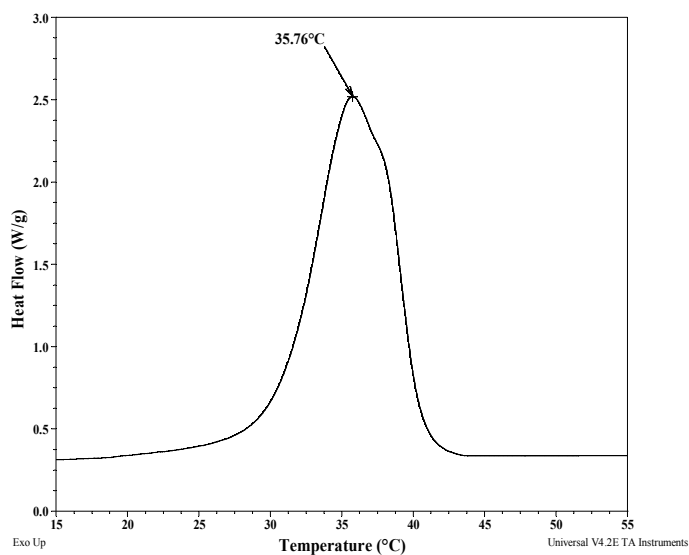
Thermal analysis results at a glance

Sample	T_m (°C)	T_c (°C)	T_g (°C)
EO	58	36	-47
tBuMA	-	-	Not distinct

Melting curve for EO block:



Crystallization curve for EO block:



Thermogram for the PEO block

