

Thermal analysis of the sample# P7078-EOCL

Thermal analysis of the samples was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 20°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).

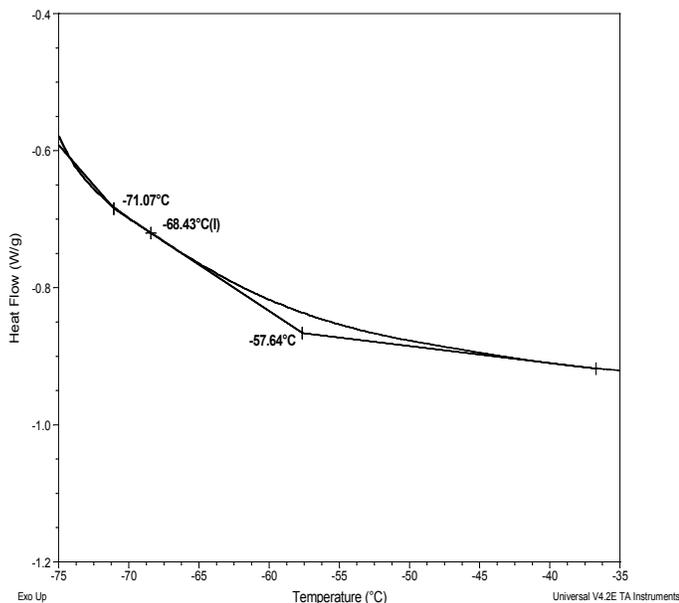
Melting and crystallization curve for the sample

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.

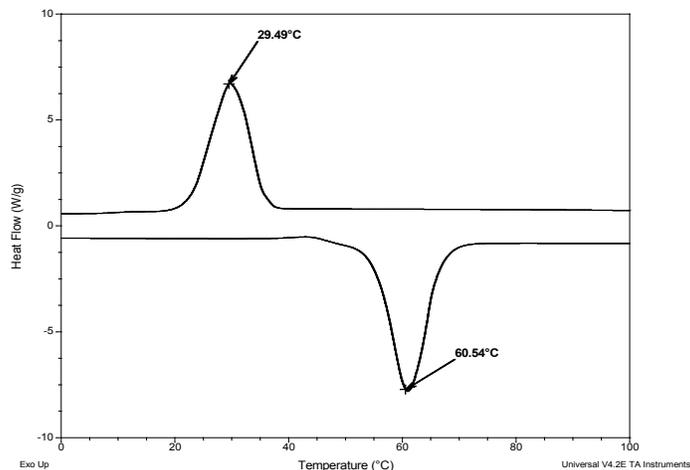
Thermal analysis results at a glance

Sample	T_m (°C)	T_c (°C)	T_g (°C)
EO	61	29	-65
ϵ -CL	55	29	-69
EOCL	54	30	-68

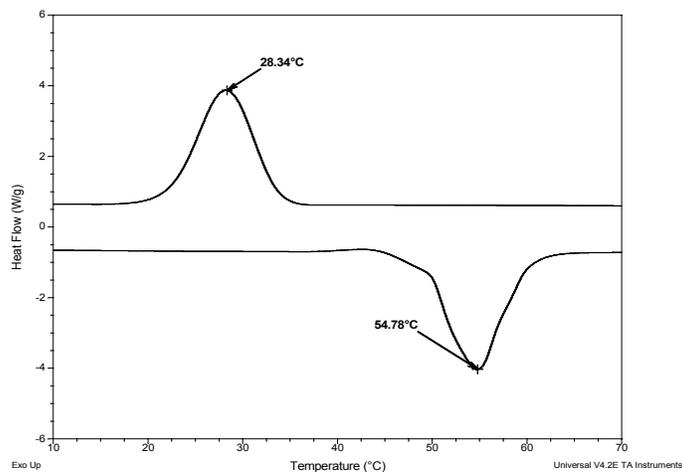
Thermogram for the sample



Thermogram of poly (ethylene glycol) methyl ether (Mn≈5000)



Thermogram of ϵ -caprolactone (Mn≈8000)



Thermogram of #7078 EOCL sample

