

Figure 1: DSC thermogram for neat PCL

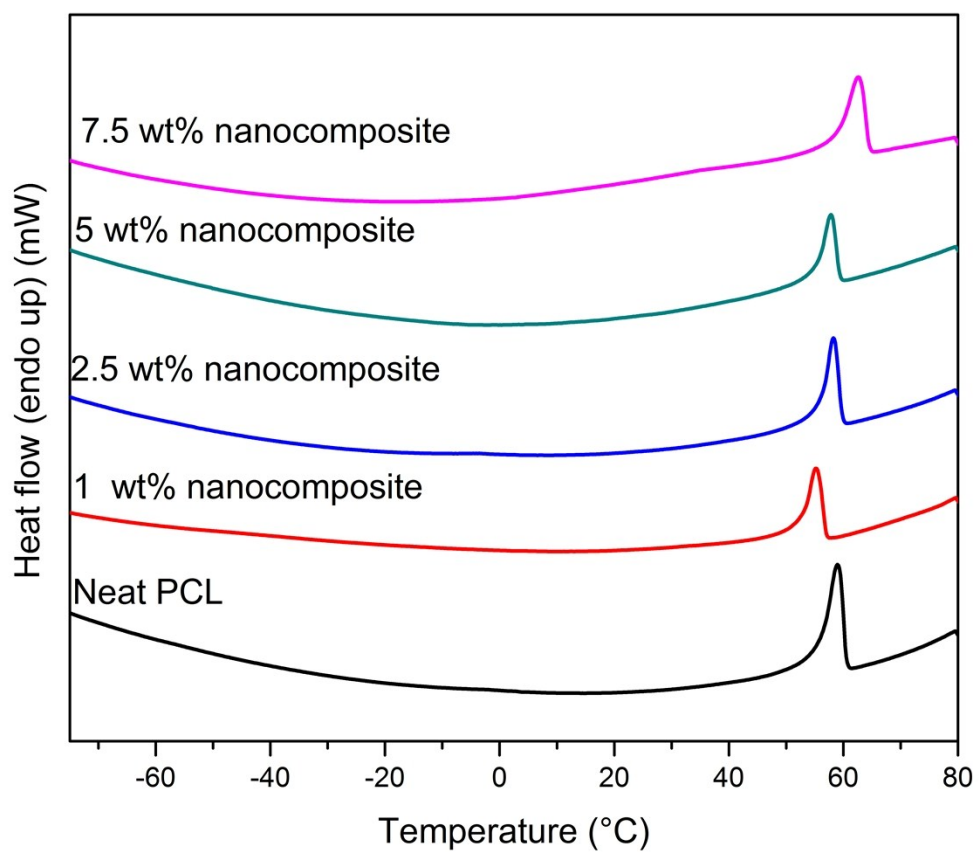


Figure 2: DSC thermogram for neat PCL and PCL-Cloisite 10A nanocomposites

Table 1: Details of the glass transition temperature ( $T_g$ ) for PCL and PCL-Cloisite 10A nanocomposites

composition	$\Delta T_g$	$\Delta T_g/2$	$T_g$ (K)	$\Delta C_p(\text{J}\cdot\text{g}^{-1}\cdot\text{K}^{-1})$
0	20	10	215	625
1	21	10.5	221	555
2.5	18	9	223.7	760
5	18	9	228	655
7.5	22	11	235	822