

Figure 1: Melting of Polyethylene Medium Density

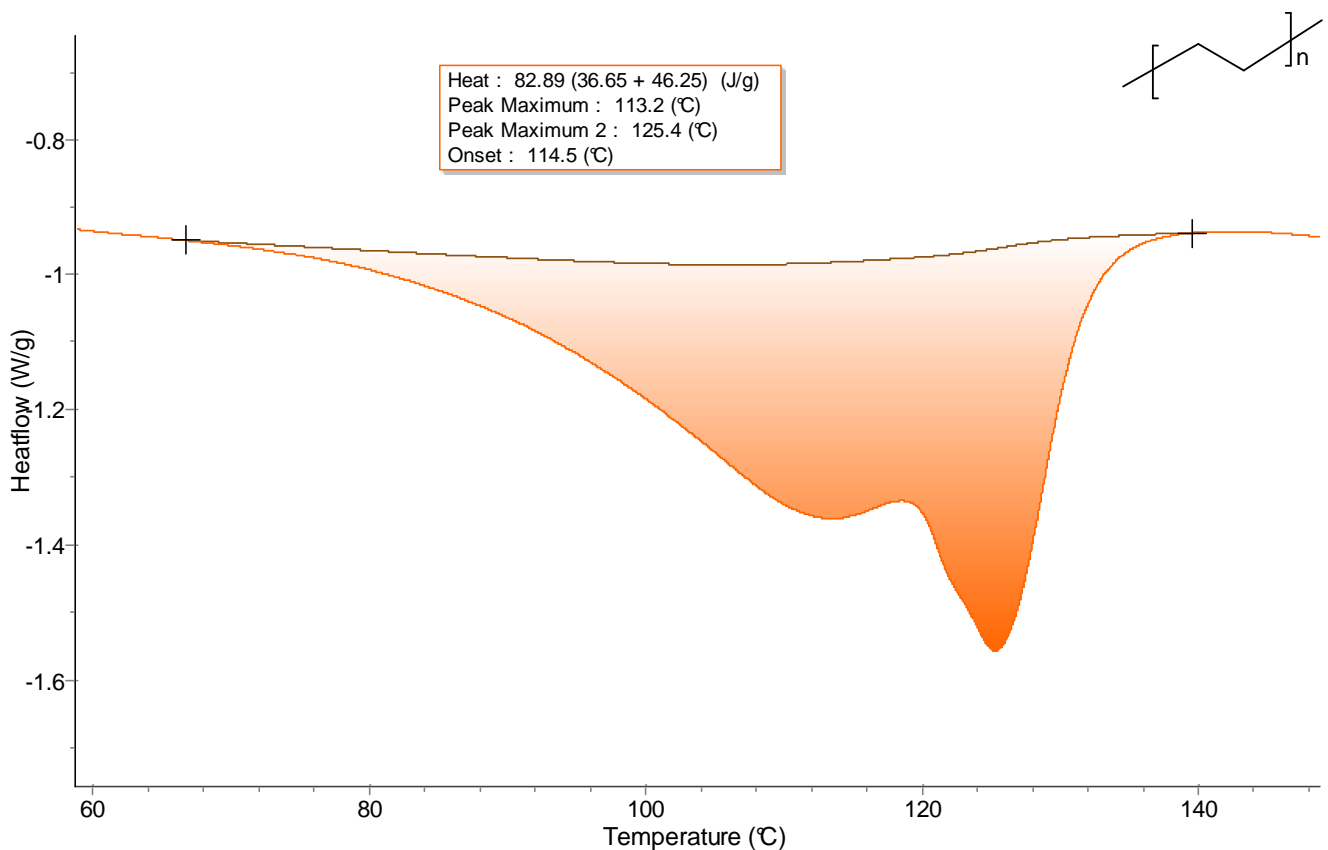


Figure 2: Melting of Linear Low Density Polyethylene

In the case of PE-LLD, the melting phenomenon presents two steps. This is coming from a copolymer composed of different types of olefins which provide its particular properties. The two maxima are due to the different components of the copolymer.

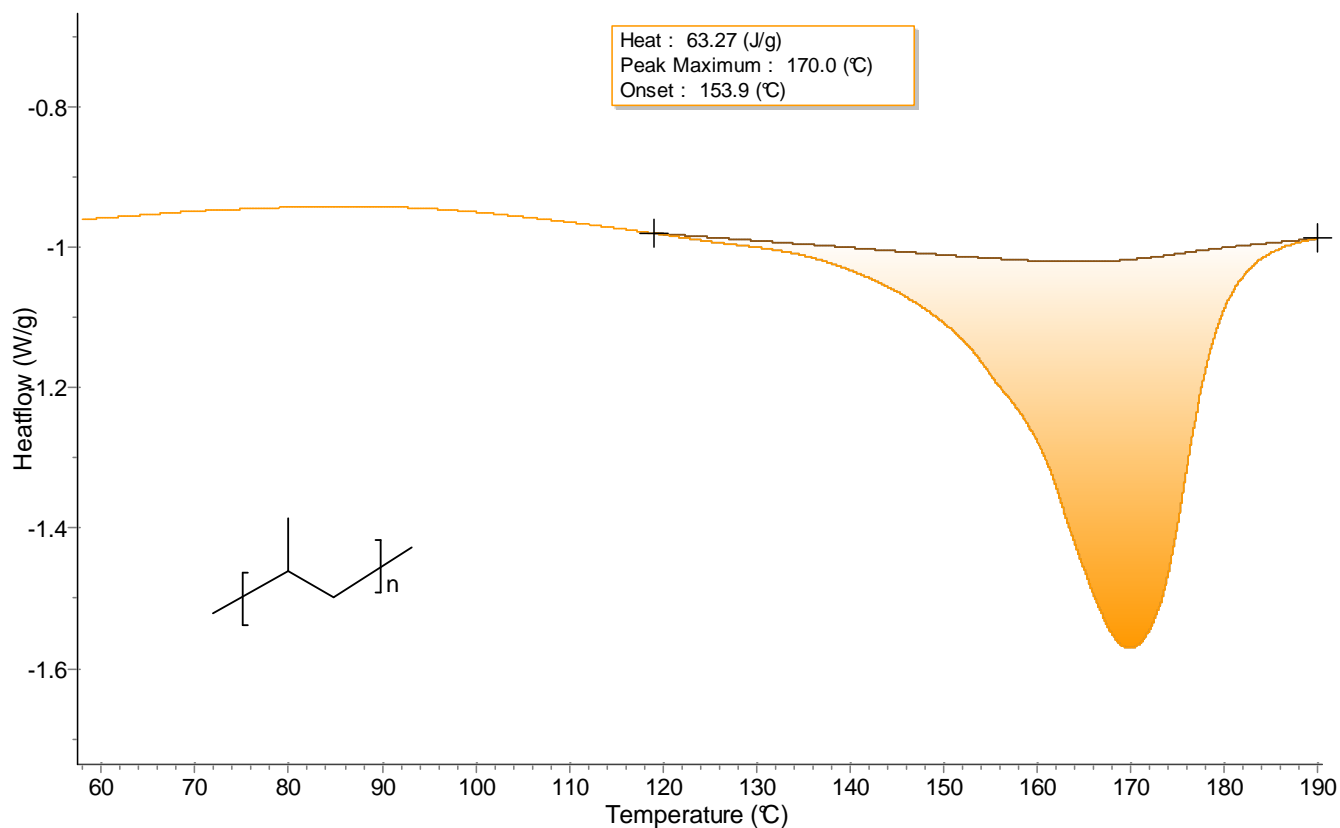


Figure 3: Melting of Polypropylene

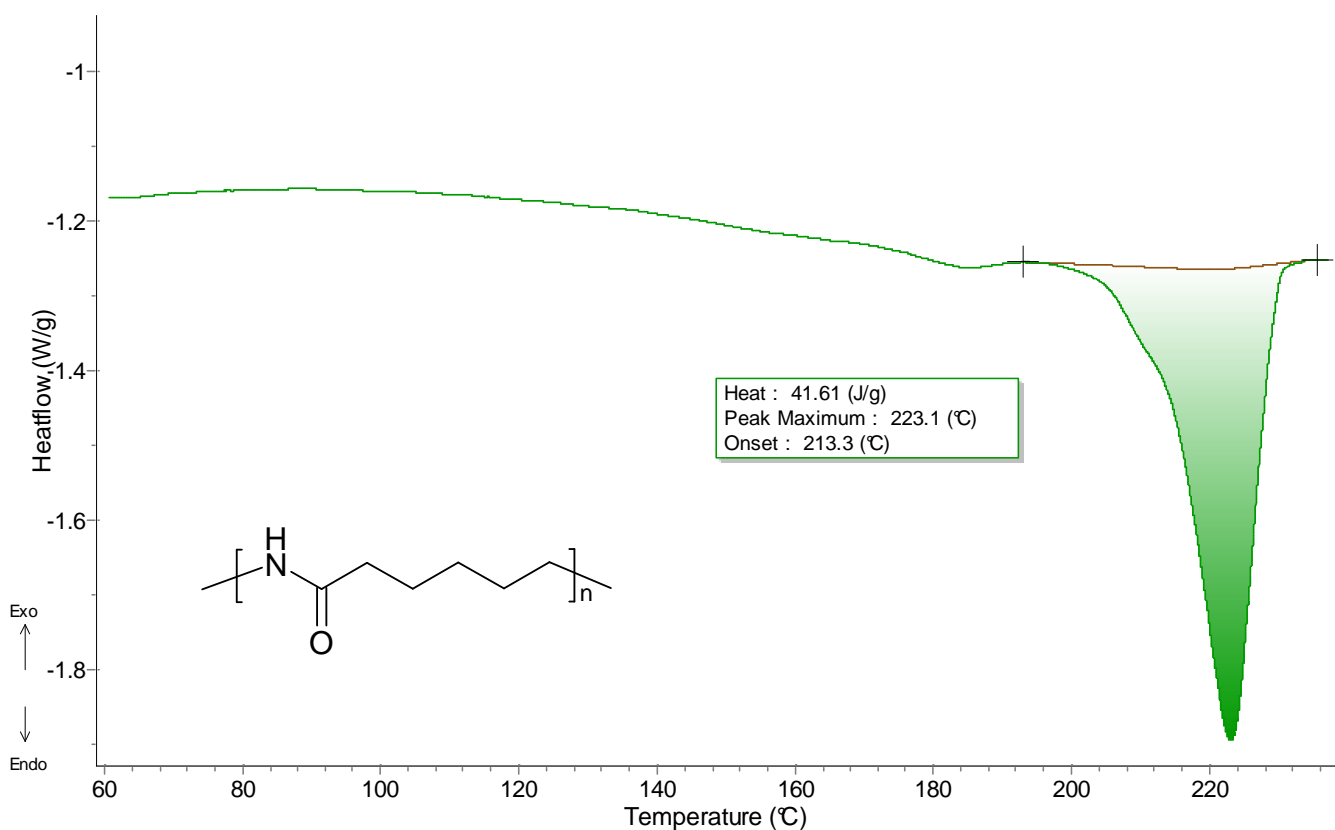


Figure 4: Melting of Nylon 6

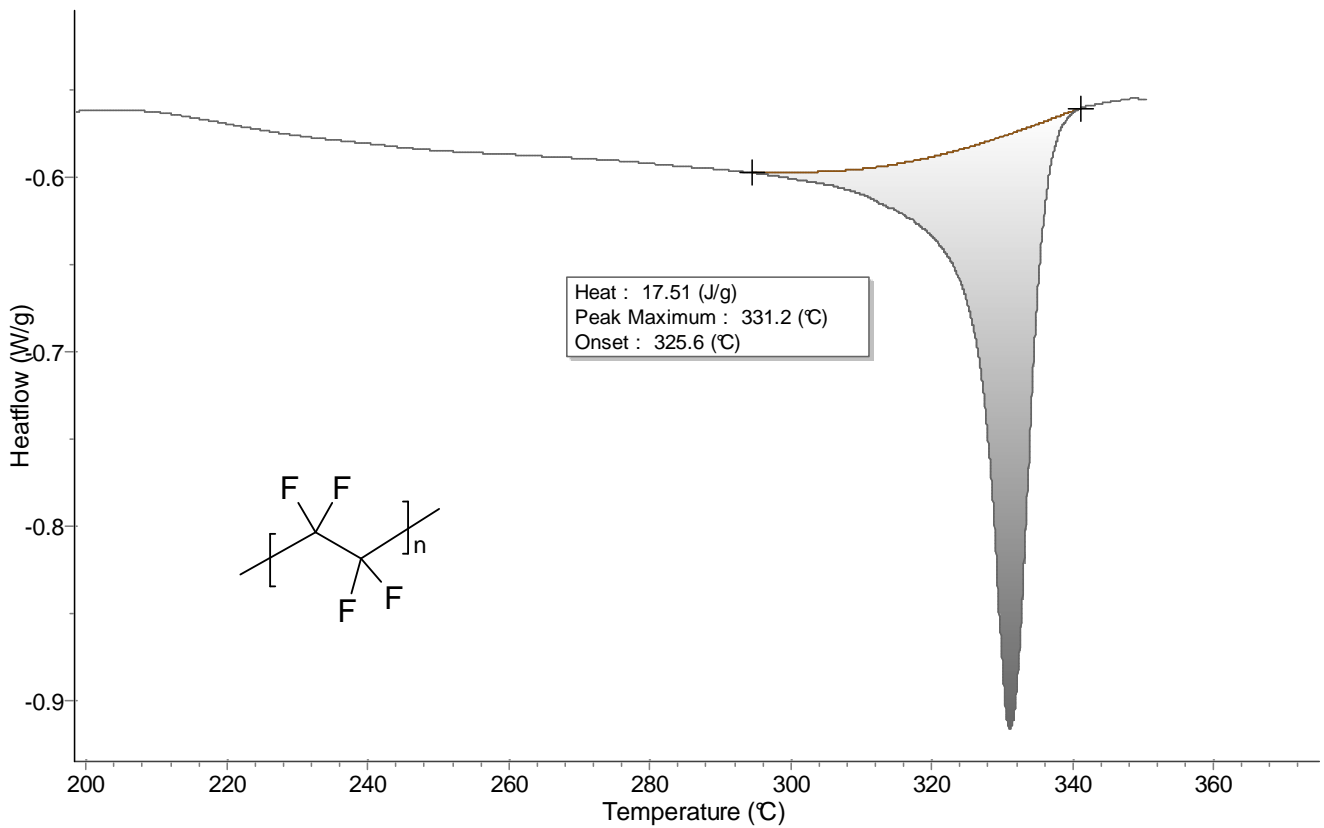


Figure 5: Melting of Polytetrafluoroethylene

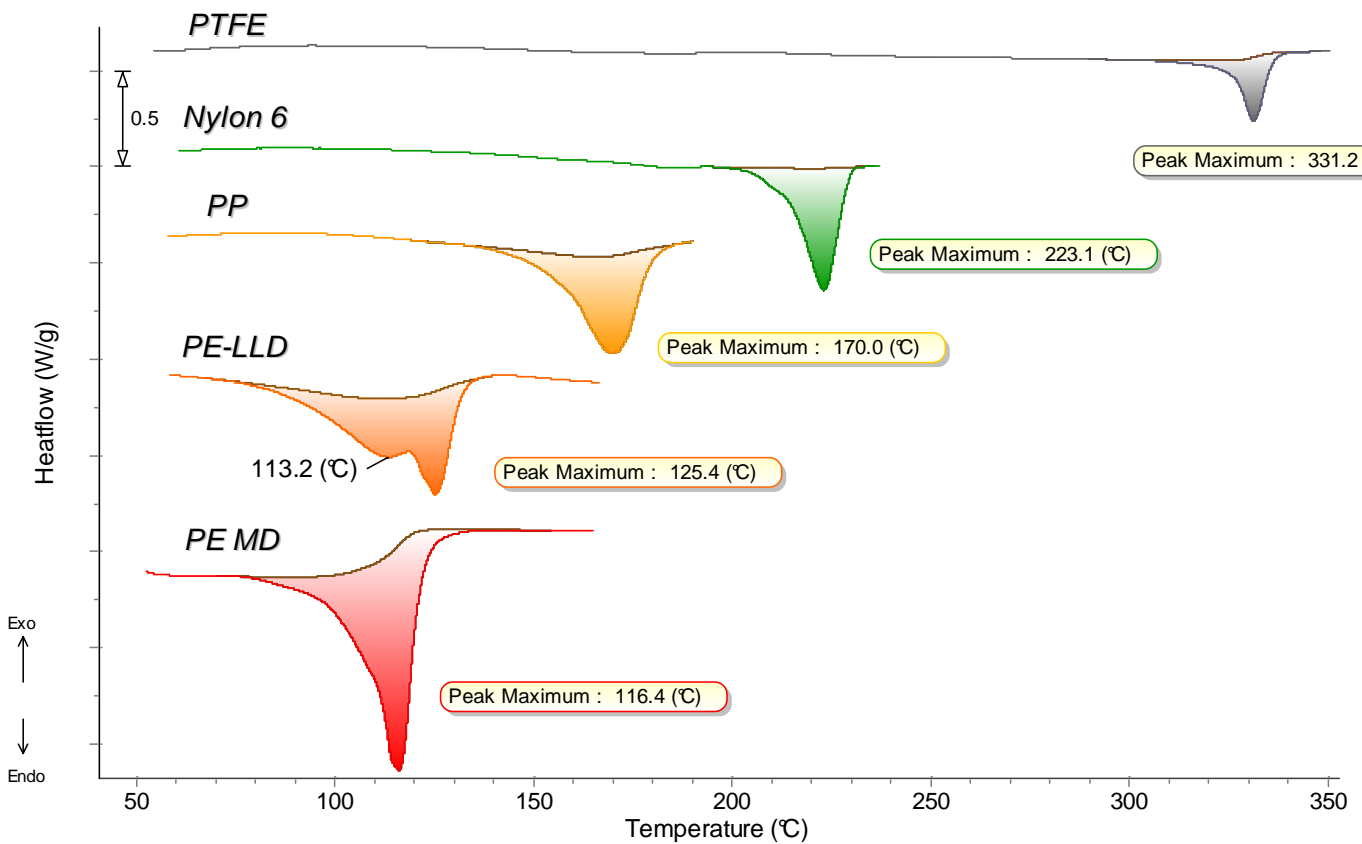


Figure 6: Superposition of the different melting peaks of each studied polymer