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FIG. 1

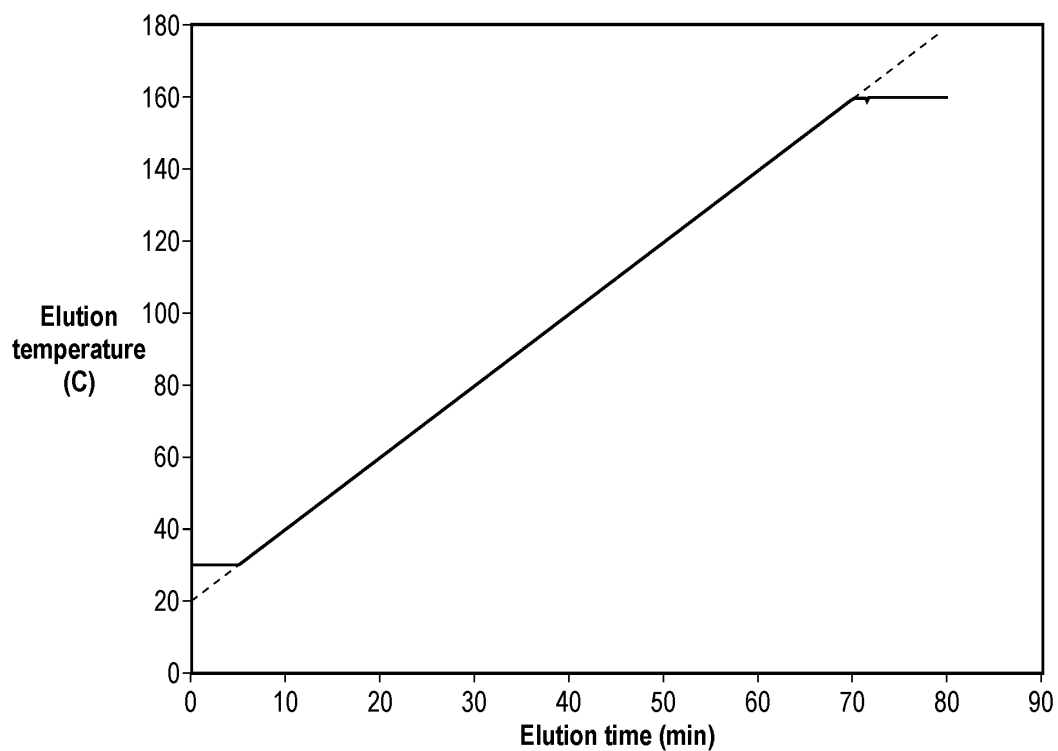
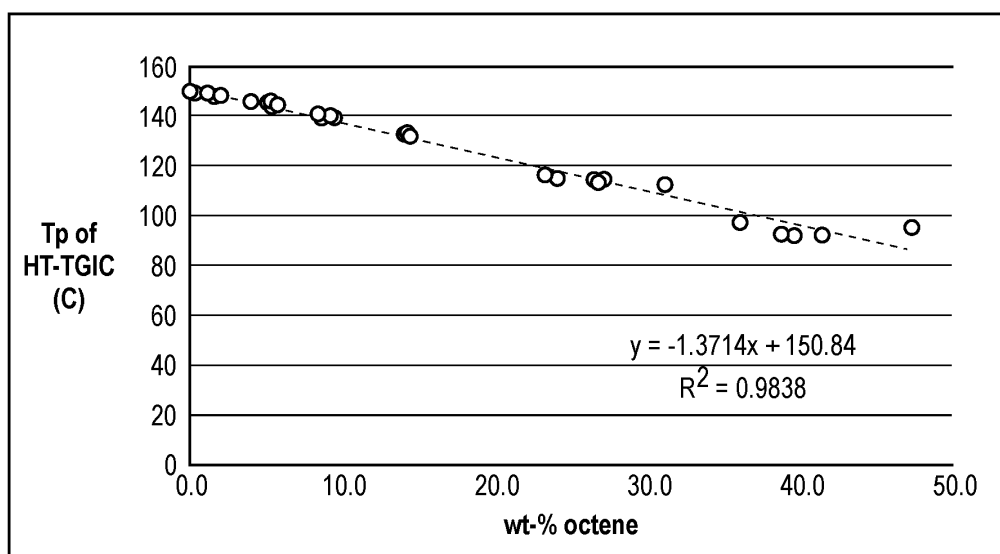
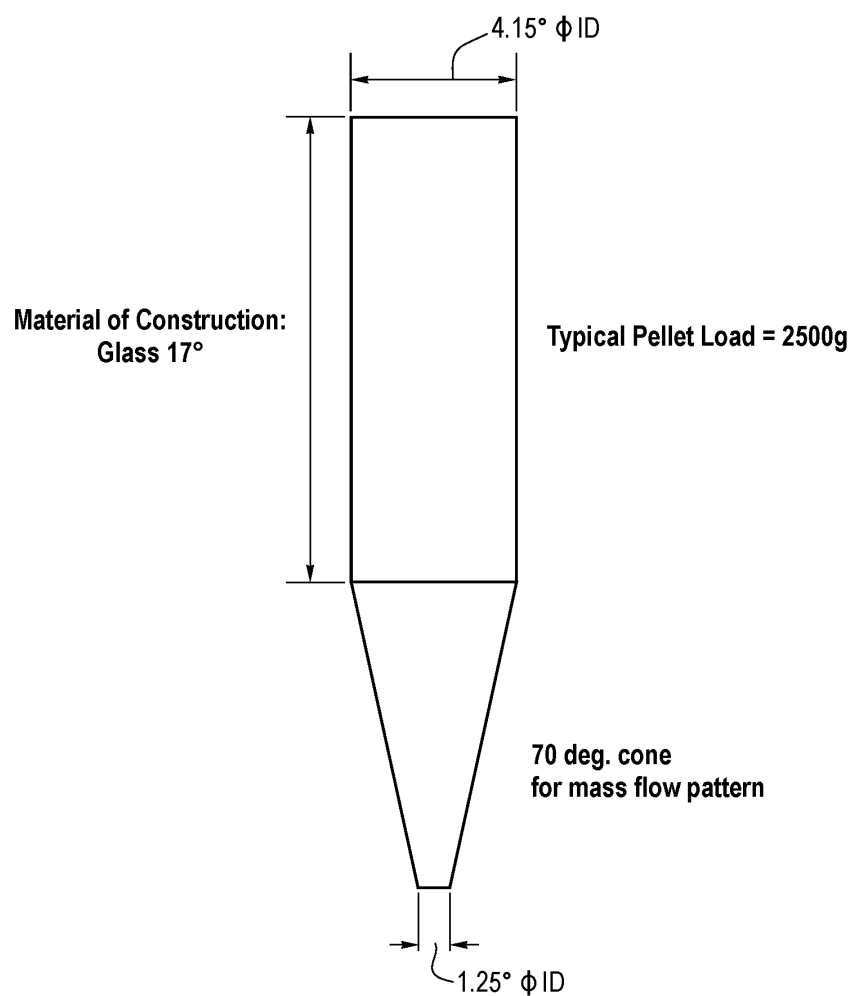


FIG. 2



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FIG. 3

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FIG. 4

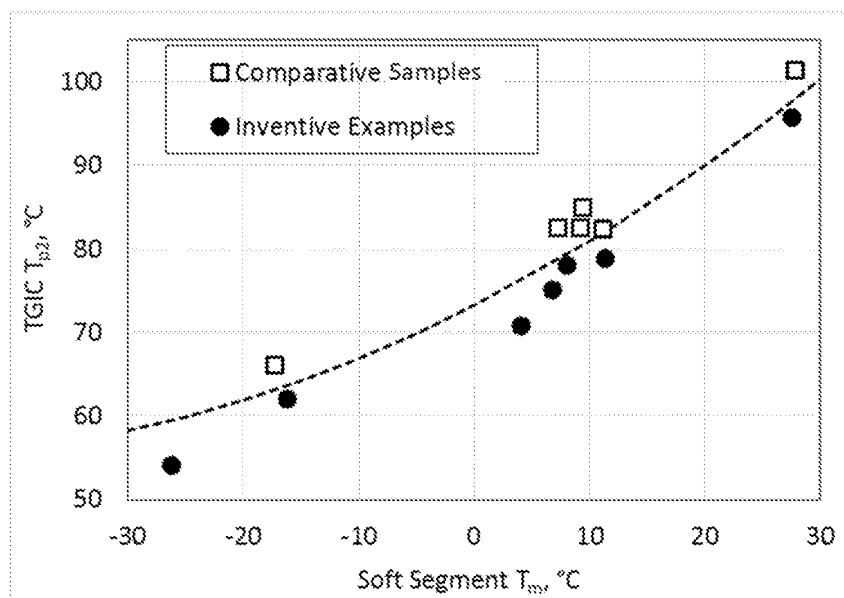


Figure 4: TGIC 2nd peak temperature versus soft segment melting temperature measured by DSC.

The line in Figure 4 is given by the equation: $T_{p2} = 0.0068 * (SS-T_m)^2 + 0.7 * (SS-T_m) + 73.2$

For the inventive examples, $T_{p2} \leq 0.0068 * (SS-T_m)^2 + 0.7 * (SS-T_m) + 73.2$, where the SS- T_m is from -30 to 30 °C.

TGIC T_{p2} is the peak temperature of the 2nd peak in the TGIC heating curve and SS- T_m is the soft segment melting temperature derived from the DSC 2nd heating curve, as illustrated in Figure 5 and Figure 6, respectively.

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FIG. 5

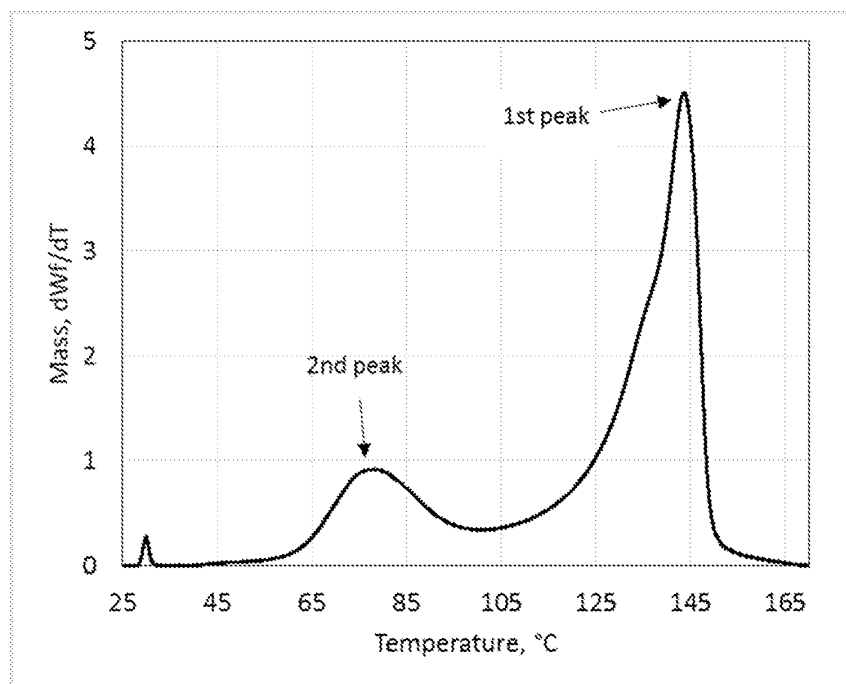


Figure 5: TGIC of Inventive Example 1 illustrating first peak and second peak.

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FIG. 6

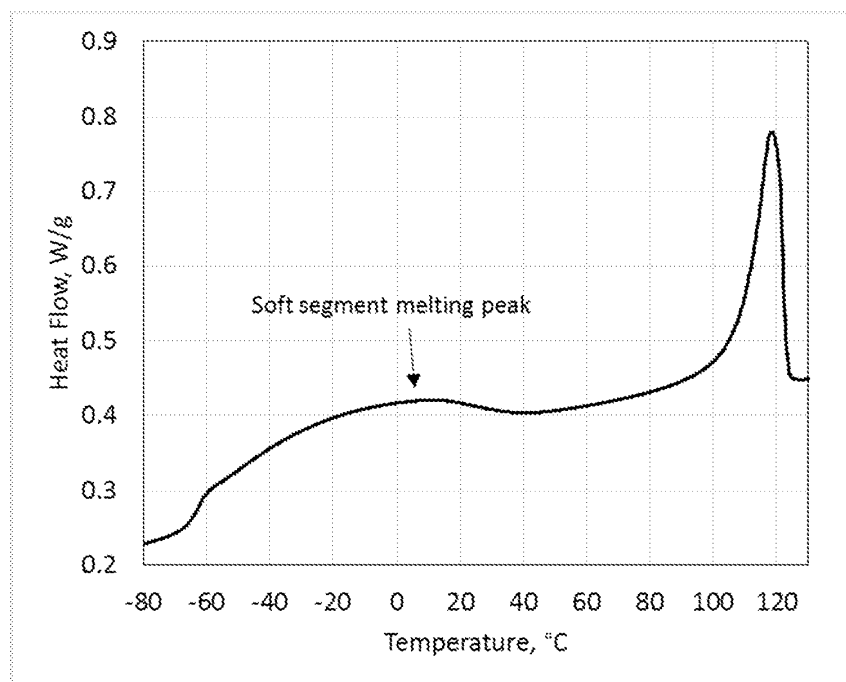


Figure 6: DSC of Inventive Example 1 illustrating soft segment melting peak.

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FIG. 7

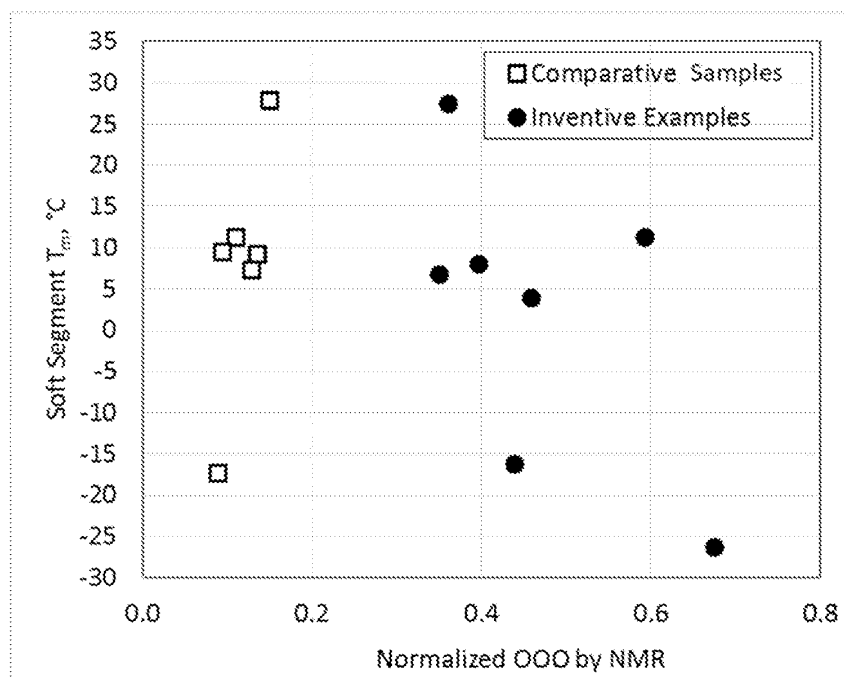


Figure 7: Soft segment T_m as measured by DSC versus normalized OOO triad content as measured by NMR.

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FIG. 8

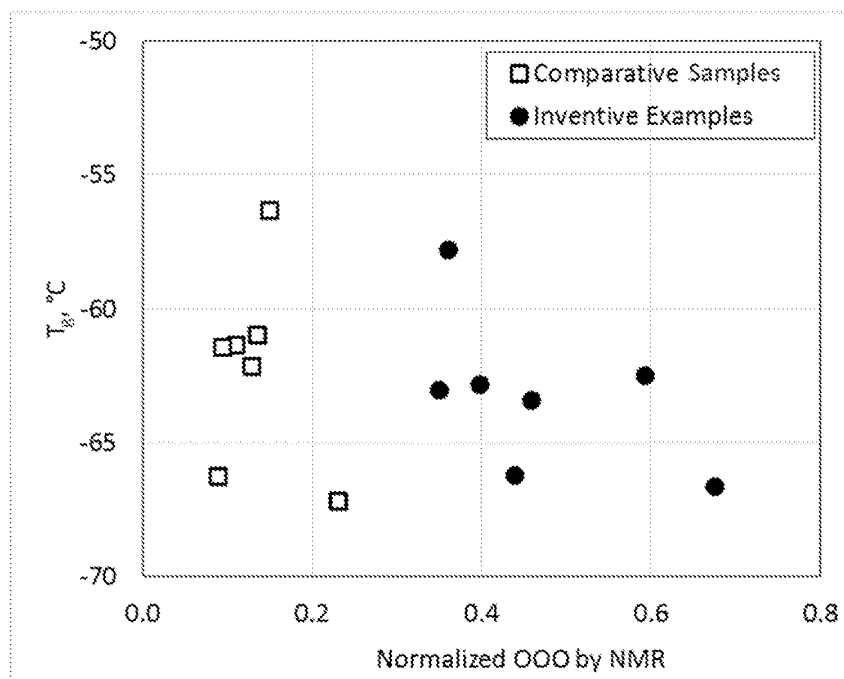


Figure 8: T_g as measured by DSC versus normalized OOO triad content as measured by NMR.

As shown in Figure 7 and Figure 8, for the inventive examples, the normalized OOO triad content as measured by NMR is > 0.25 and the T_g is in the range of -55 to -70 °C and soft segment T_m is in the range of -30 to 30 °C.