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Correction to a Novel Reactive Processing Technique: Using Telechelic Polymers to Reactively Compatibilize Polymer Blends

In the published version, Figure 3 is presented as a duplicate of Figure 5. The correct Figure 3 is shown here and is a plot of the absolute domain size $D^3(t) = D_nD_wD_{vs}$ as a function of annealing time for the sample with 90% PS/10% PI and 5.0 wt % telechelics for the series of telechelics studied. Figure 5 is correctly displayed in the original manuscript and below as a plot of the absolute domain size $D^3(t) = D_nD_wD_{vs}$ as a function of annealing time for the sample with 90% PS/10% PI compatibilized by varying amounts of the 37k Anh−PS−Anh/16k NH_2−PI−NH_2 telechelic pair.

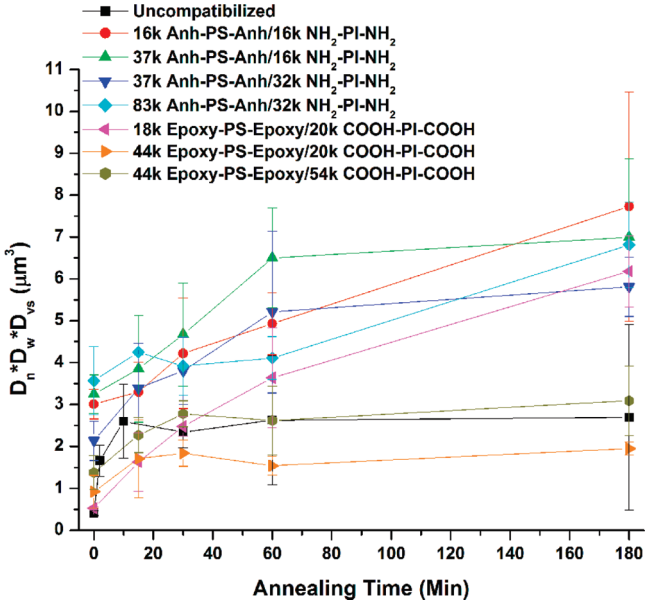

FIGURE 3. The change in absolute domain size, $D^3(t) = D_nD_wD_{vs}$, as a function of annealing time at 150 °C for 90% PS/10% PI blends with 5.0 wt.% telechelics.

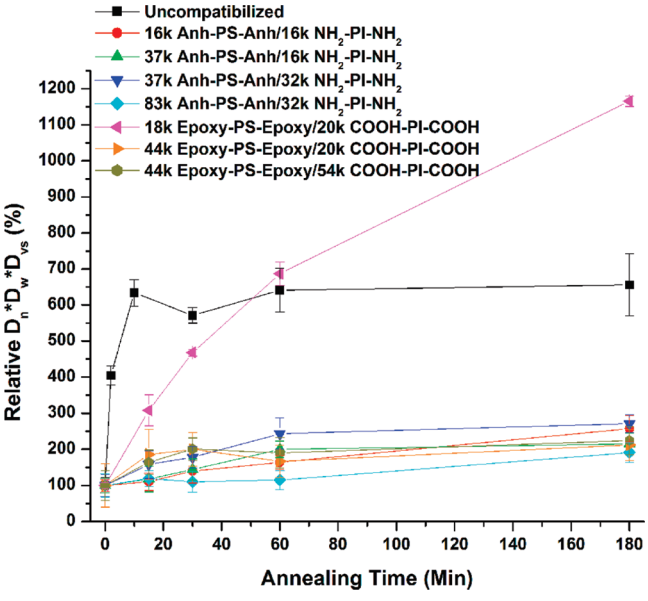

FIGURE 4. Change in relative domain size, $(D^3(t)/D_0^3)$ as a function of annealing time at 150 °C for 90% PS/10% PI blends with 5.0 wt % telechelics.

Additionally, in the published version, Figure 4 is presented as a duplicate of Figure 6. The correct Figure 4 is shown here and is a plot of the relative domain size $D^3(t)/D_0^3$ as a function of annealing time for the sample with 90%

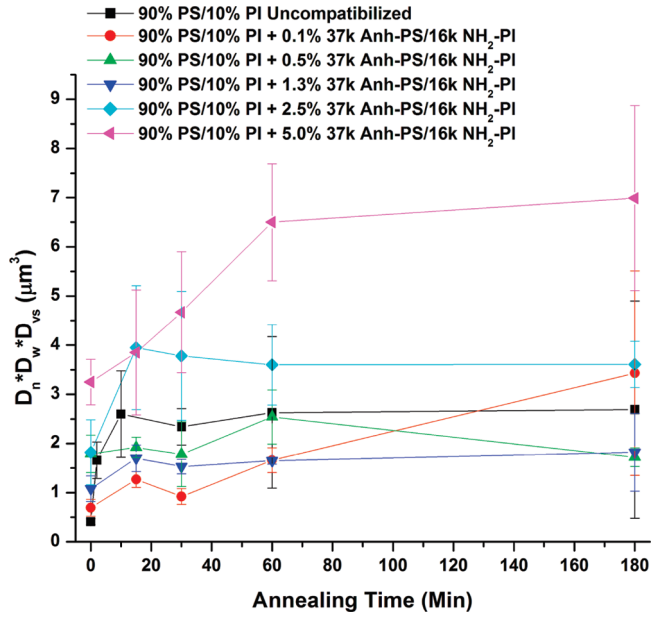

FIGURE 5. The change in absolute domain size, $D^3(t) = D_nD_wD_{vs}$ as a function of annealing time for 90% PS/10% PI polymer blends compatibilized with various amounts of the 37k Anh−PS−Anh/16k NH_2−PI−NH_2 telechelic pair as determined by SEM.

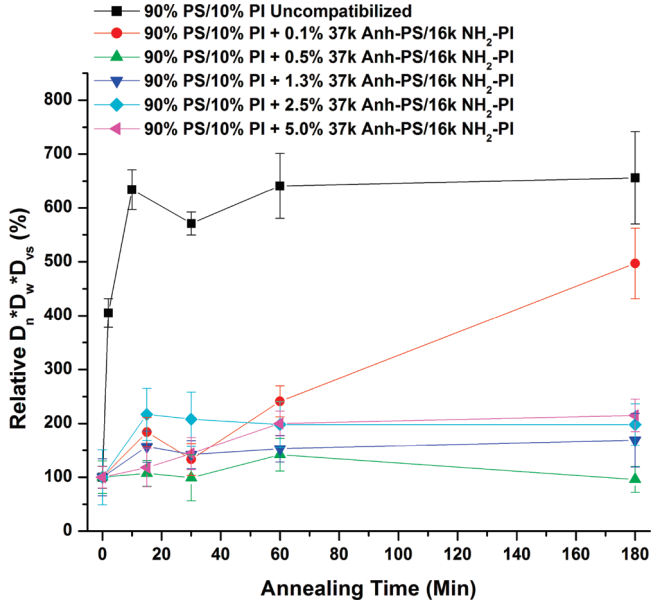

FIGURE 6. The change in relative domain size $(D^3(t)/D_0^3)$ as a function of annealing time for 90% PS/10% PI polymer blends compatibilized with various amounts of the 37k Anh−PS−Anh/16k NH_2−PI−NH_2 telechelic pair as determined by SEM.

PS/10% PI and 5.0 wt % telechelics for the series of telechelics studied. In this plot, the domain size is normalized by the domain size at zero annealing time (D_0^3). Figure 6 is correctly displayed in the original manuscript and below as a plot of the relative domain size $D^3(t)/D_0^3$ as a function of annealing time for the sample with 90% PS/10% PI compatibilized by varying amounts of the 37k Anh—PS—Anh/16k NH_2—PI—NH_2 telechelic pair.

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