

Segmental Dynamics in PMMA-Grafted Nanoparticle Composites
[*Macromolecules* 2010, 43, 8275]. Pinar Akcora,*
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Page 8275. In the original submission of this article, one coauthor, Shane E. Harton, was inadvertently omitted.

Page 8277. The Figure 1 caption and Figure 1C image have been corrected. For the bare silica/PMMA nanocomposite, atactic PMMA (Scientific Polymer Products) was used at a filler loading of 20 mass %. However, the underlying conclusions drawn from the data are unchanged.

C. Pure silica in PMMA

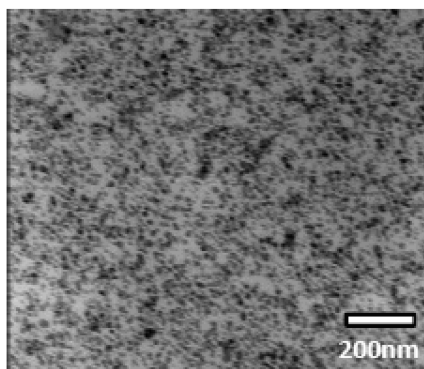


Figure 1. Transmission electron micrographs show the dispersion of PMMA grafted particles in immiscible composite A (part A) and in miscible composite B (part B). Images on the left were taken after 2 days of annealing and on the right after 30 days of annealing. Particle loadings are 15 mass % in parts A and B. Scale bars are 0.2 μm . For reference, we also show the dispersion of 20 mass % bare silica particles in atactic PMMA ($T_g \sim 110^\circ\text{C}$, $M_w \sim 75\text{ kg/mol}$) after annealing for 3 days at 160°C . Clearly, good dispersion is seen in the last case.

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