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Erratum

Gas foaming of segmented poly(ester amide) films [Polymer 46 (2005) 9396–9403]

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The publisher regrets that the figure captions for this article were omitted. The list of figure captions is shown below.

Fig. 1. Synthesis of segmented poly(ester amide)s (PEA2,5) with different hard segment content x.

Fig. 2. CO_2 sorption isotherm of PEA2,5-25 and PEA2,5-50 at 25 °C.

Fig. 3. Porosity as a function of foaming temperature for PEA2,5-25 and PEA2,5-50. Polymer films (20×20×0.5 mm) were subjected to a pressure of 50 bar for 6 h at room temperature and subsequently immersed in an octane bath at different temperatures (T_{foam}).

Fig. 4. Pore size distribution of foamed PEA2,5-25 (A) and PEA2,5-50 (B) plotted with a gaussian fit (T=105 °C was plotted with a log normal fit). The foaming process was performed after saturation of the polymer film with CO_2 at 50 bar and subsequent immersion in an octane bath at various temperatures.

Fig. 5. Pore size distribution of foamed PEA2,5-25 derived from μ-CT and SEM, plotted with a gaussian fit. The foaming process was performed after saturation of polymer films with CO_2 at 50 bar and subsequent immersion in an octane bath at 70 °C.

Fig. 6. SEM images of PEA2,5-25, T_{foam}=70 °C (a) and PEA2,5-50, T_{foam}=105 °C (b).

Fig. 7. DMA plot with storage (G′) and loss (G″) modulus as a function of temperature for PEA2,5-25 and PEA2,5-50. Dashed lines represent the onset temperature of foaming.

Fig. 8. DSC curves (1st heating scan) of polymer films before and after foaming of PEA2,5-25 at T_{foam} is 70 °C and PEA2,5-50 at T_{foam} is 105 °C.

Fig. 9. SEM images of gas foamed PEA2,5-50 at T_{foam}= 105 °C, saturated at different CO_2 saturation pressures: (A) 20 bar, (B) 30 bar, (C) 40 bar and (D) 50 bar.

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