

Correction to “How Critical Are the van der Waals Interactions in Polymer Crystals?”

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In Figure 1, PVDF(δ) should be PVDF(α). In Table 1 and the text, δ -PVDF should be α -PVDF. In Table 2, the LDA calculated lattice parameters (a and b) and density are incorrect for PE. The correct results should be $a = 6.68 \text{ \AA}$, $b = 4.59 \text{ \AA}$, and density = 1.206 g/cm^3 . Also in Table 2, δ -PVDF should be α -PVDF. The cohesive energy in Table 2 is per unit cell, not per monomer as shown in eq 1. Therefore, the text on p 9350 should read “The cohesive energy (E_c) per unit cell has been calculated using the following equation”

$$E_c = N_{\text{chain}}E_{\text{chain}} - E_{\text{bulk}} \quad (1)$$

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