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Supplementary Information For:

Effect of Thermal Shrinkage Temperatures and Comonomers on Thermal Shrinkage of Uniaxially-Stretched PET Copolymer Film: Molecular Dynamics Simulation Approach

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Figure S1: The change in the mechanical tensile stresses in the *x* direction, P_{xx} , applied to the models during the (a) uniaxial stretching and (b) thermal shrinkage processes. Condition: a fixed density in the step 1 and step 2 of the uniaxial stretching process.



Figure S2. The change in the mechanical tensile stresses in the *z* direction, P_{zz} , applied to the models during the (a) uniaxial stretching and (b) thermal shrinkage processes. Condition: a fixed density in the step 1 and step 2 of the uniaxial stretching process.



Figure S3. The change in the densities of the PET copolymer models during the (a) uniaxial stretching process and (b) thermal shrinkage process. Note that the density of each model is constant in the step 1 and step 2 of the uniaxial stretching process.