## **Support Information OF**

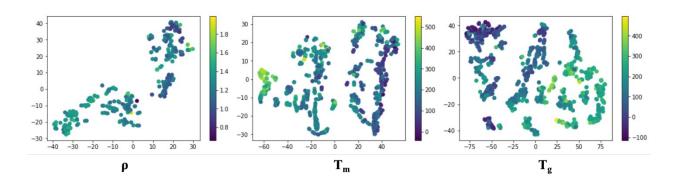
## **Evaluating Polymer Representations via Quantifying Structure-Property Relationships**

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**Figure S1**. The TLMEs are projected into the 2D space using t-SNE, labeled by their corresponding properties (density, melting temperature, and glass transition temperature). Each t-SNE point is colored by its corresponding property value. Based on the plots, TLMEs are clustered by similar properties, which indicates that similar polymer structures tend to have similar properties.