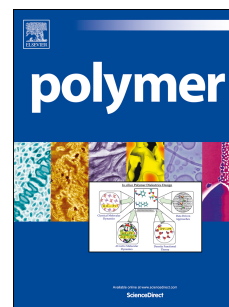


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Thermal transitions in semi-crystalline polymer thin films studied via spectral reflectance

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Keywords: crystallization, melting temperature, spectral reflectance

Highlights:

- Spectral reflectance is used to detect melting and crystallization in polymer thin films
- Analysis based on distinct film expansion/contraction through thermal transitions
- Method validated against data from DSC, GIWAXS, and AFM in thin films

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