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Flexible Phase Change Materials for Thermal Storage and Temperature Control

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Flexible Phase Change Materials for Thermal Storage and Temperature Control

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Flexible phase-change materials (PCMs) have great potential applicability in thermal energy storage and temperature control. A binary composite mixture comprising polyethylene glycols of solid and liquid phases (PEG2000 and PEG400, respectively) was synthesized as a PCM base material. The PEG400 liquid phase was uniformly dispersed in the PEG2000 phase-change crystal on a molecular Download English Version:

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