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Porous organic–inorganic hybrid xerogels for stearic acid shape-stabilized phase change material

Radoelizo S. Andriamitantsoa, Wenjun Dong, Hongyi Gao, Ge Wang *

Beijing Key Laboratory of Function Materials for Molecule & Structure Construction, School of Materials Science and Engineering, University of Science and Technology Beijing, Beijing 100083, P.R China.

Corresponding Author: gewang@mater.ustb.edu.cn

Supplementary material

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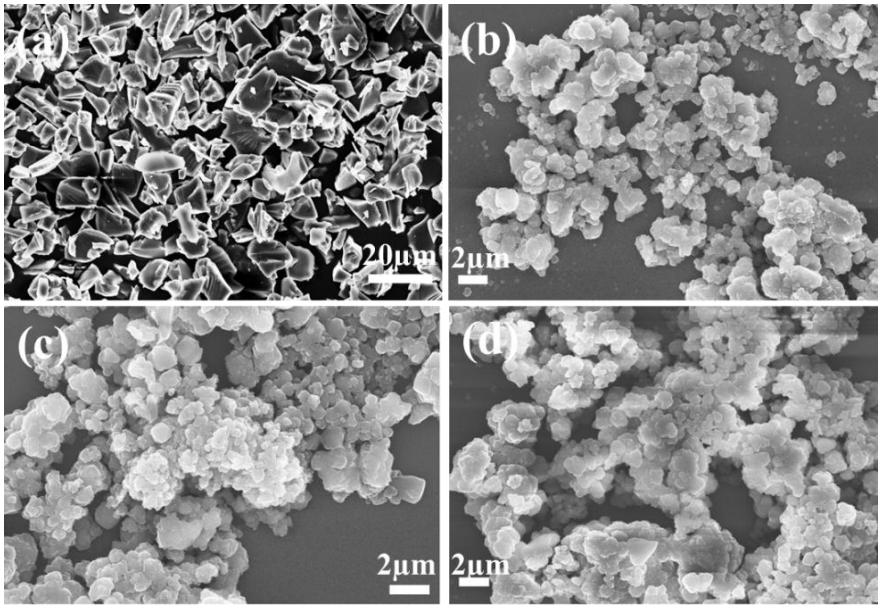

Fig S1. SEM images of (a) Pure stearic acid, (b) 50%-SA@MIL-100 (Cr), (c) 60%-SA@MIL-100 (Cr), (d) 70%-SA@MIL-100 (Cr).

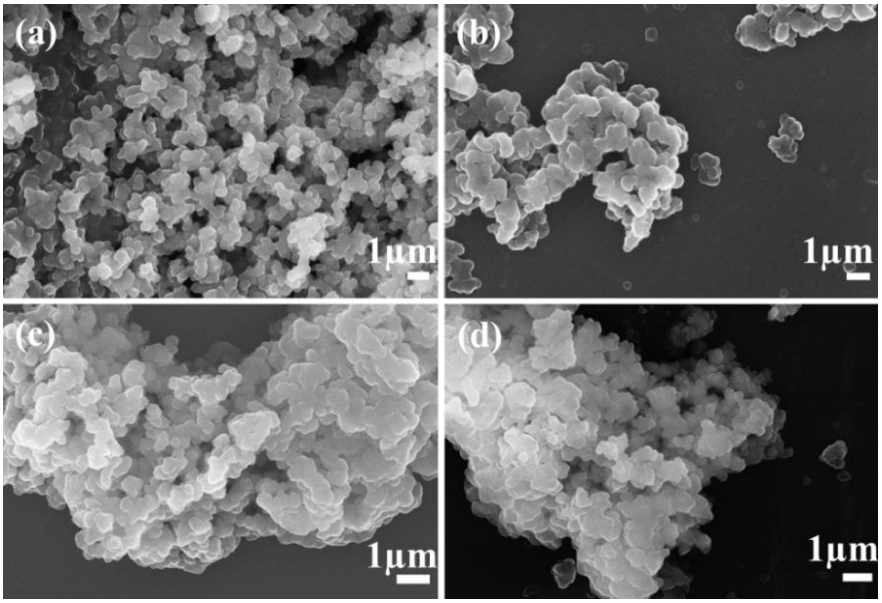

Fig S2. SEM images of (a) 50%-SA@MOG-100 (Cr), (b) 60%-SA@MOG-100 (Cr), (c) 70%-SA@MOG-100 (Cr), (d) 90%-SA@MOG-100 (Cr).

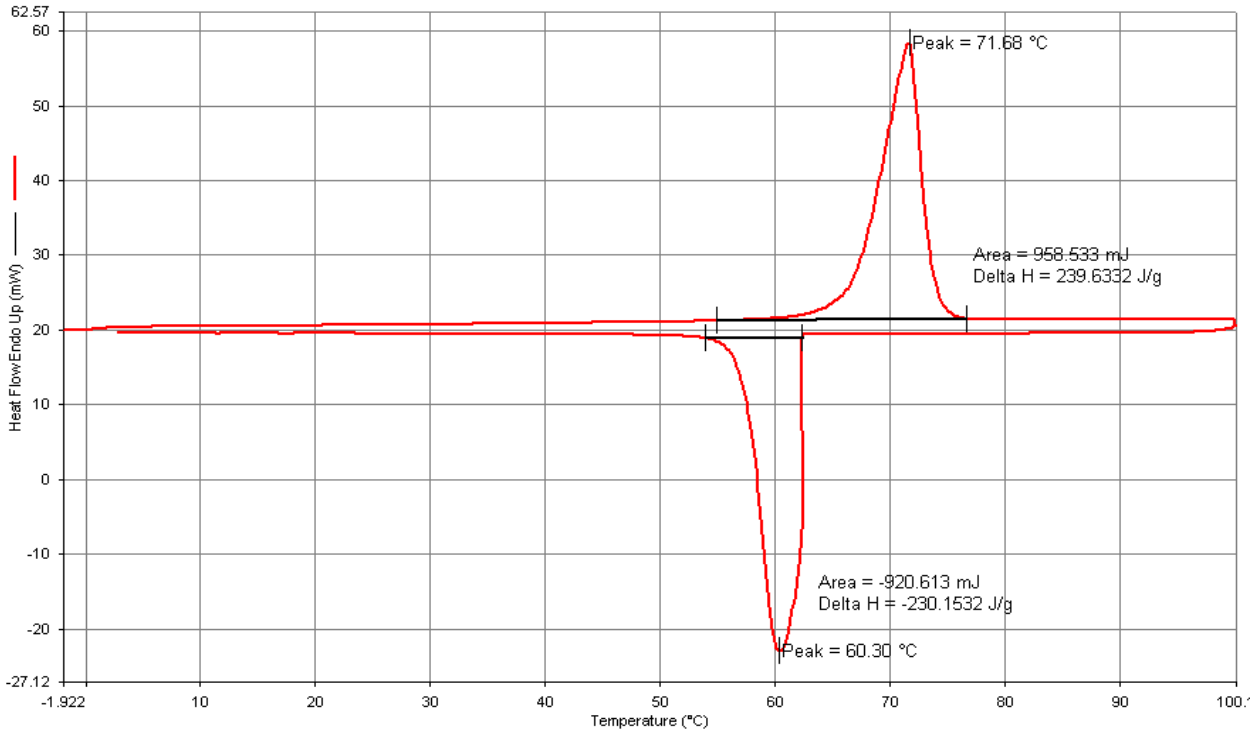

Fig S3. DSC curves of pure SA.

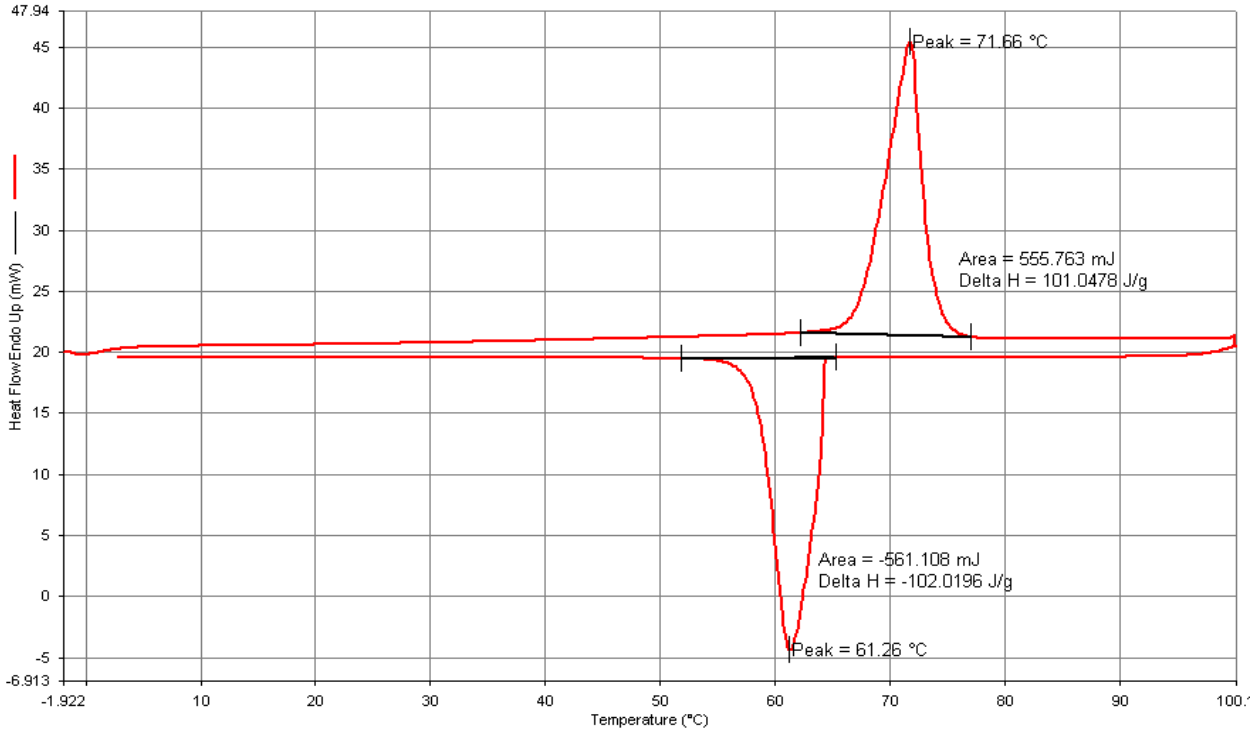

Fig S4. DSC curves of 50% SA@@MOG-100 (Cr) composite PCMs.

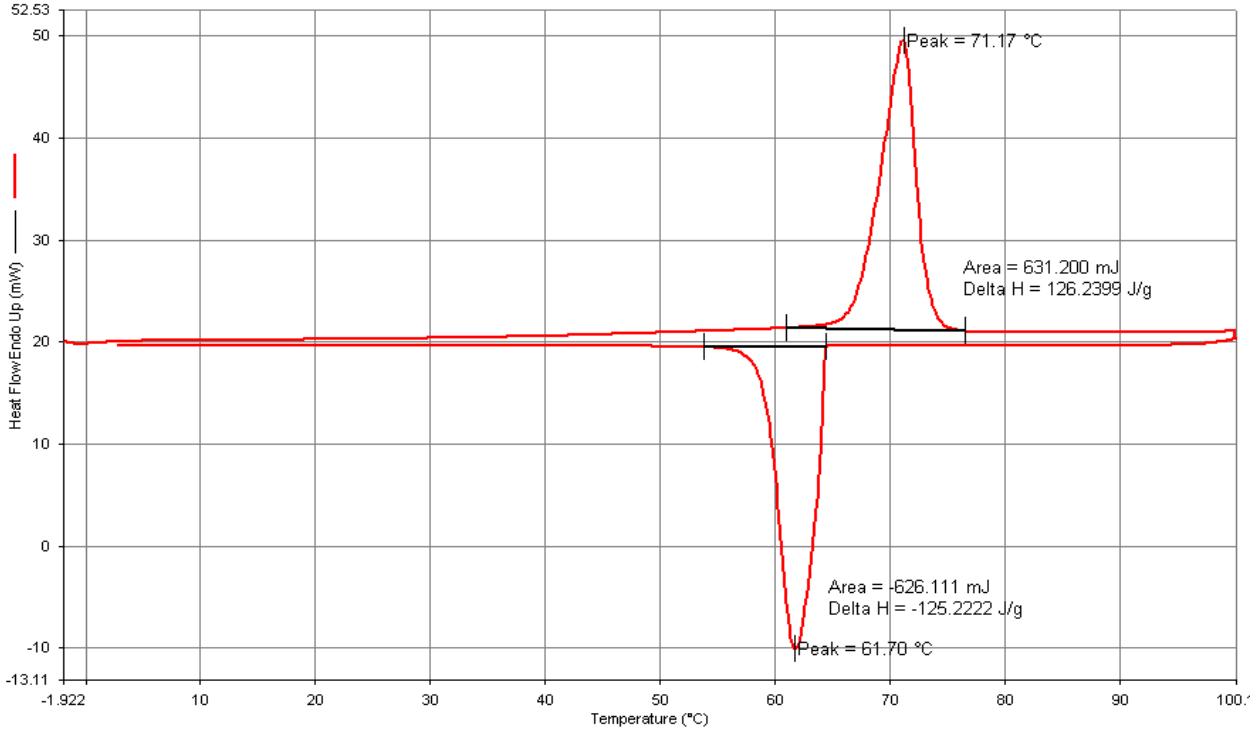

Fig S5. DSC curves of 60% SA@MOG-100 (Cr) composite PCMs.

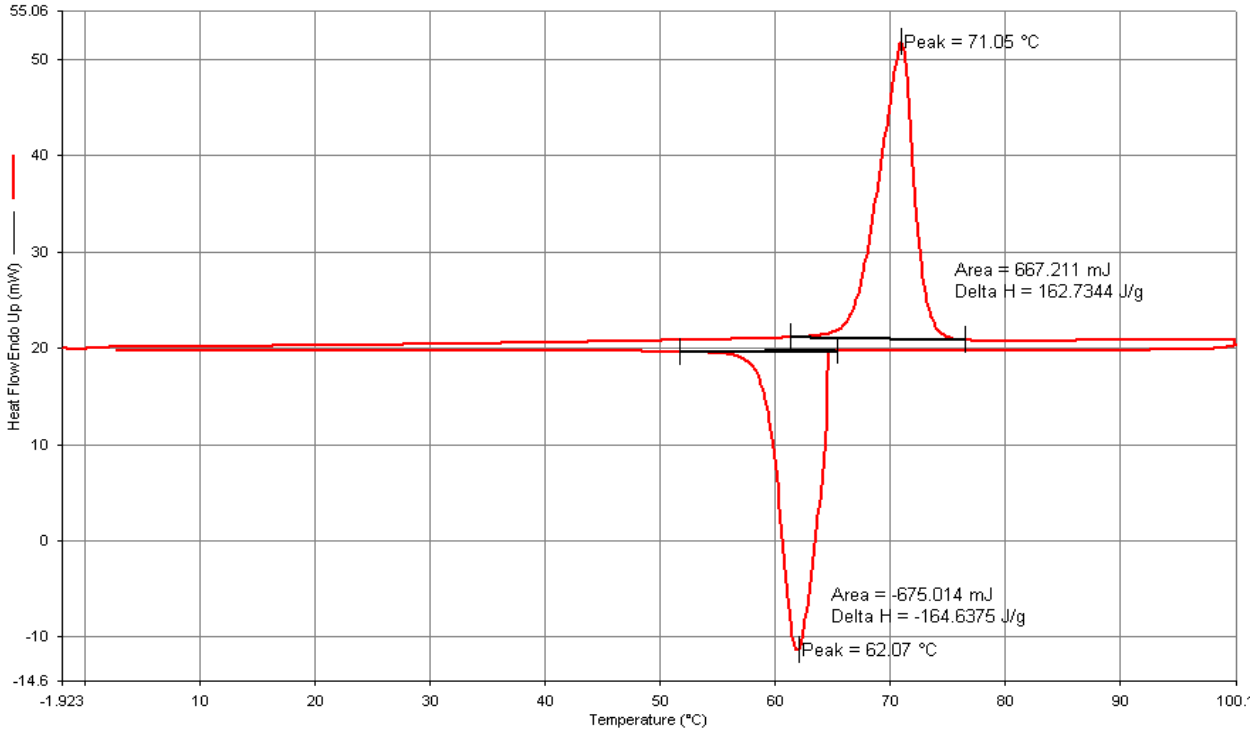

Fig S6. DSC curves of 70% SA@MOG-100 (Cr) composite PCMs.

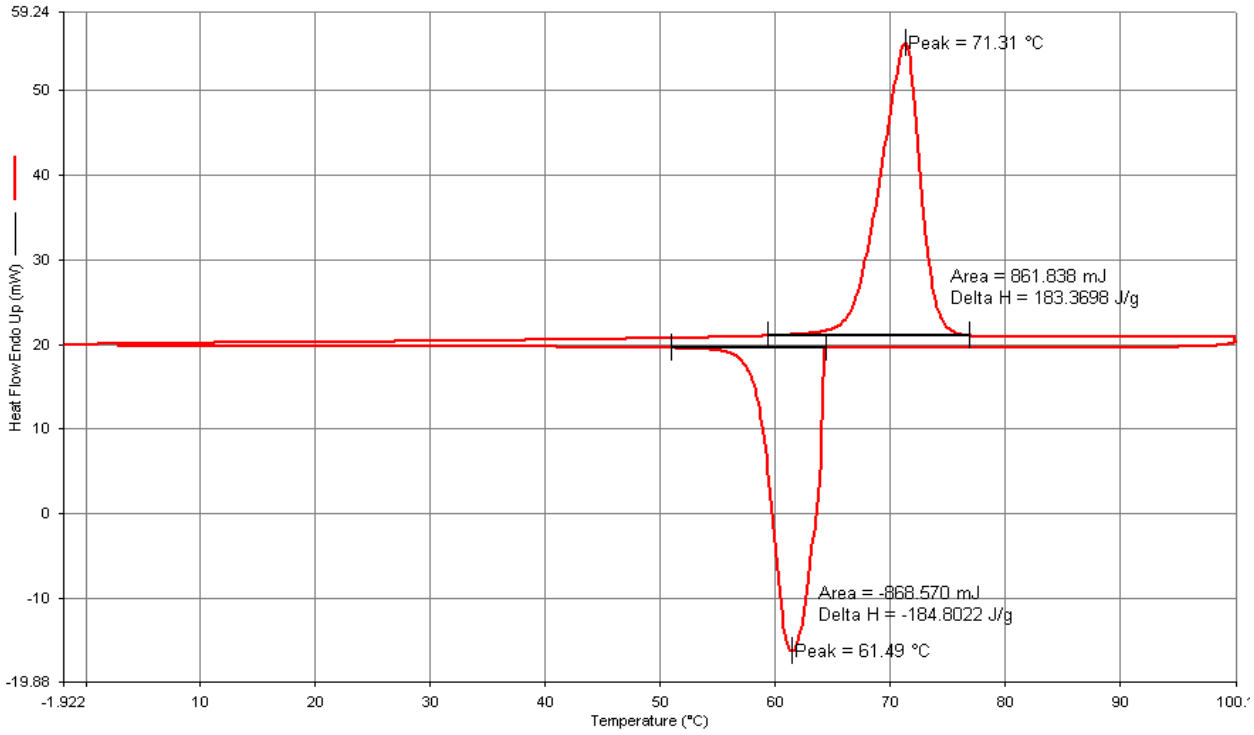

Fig S7. DSC curves of 80% SA@MOG-100 (Cr) composite PCMs.

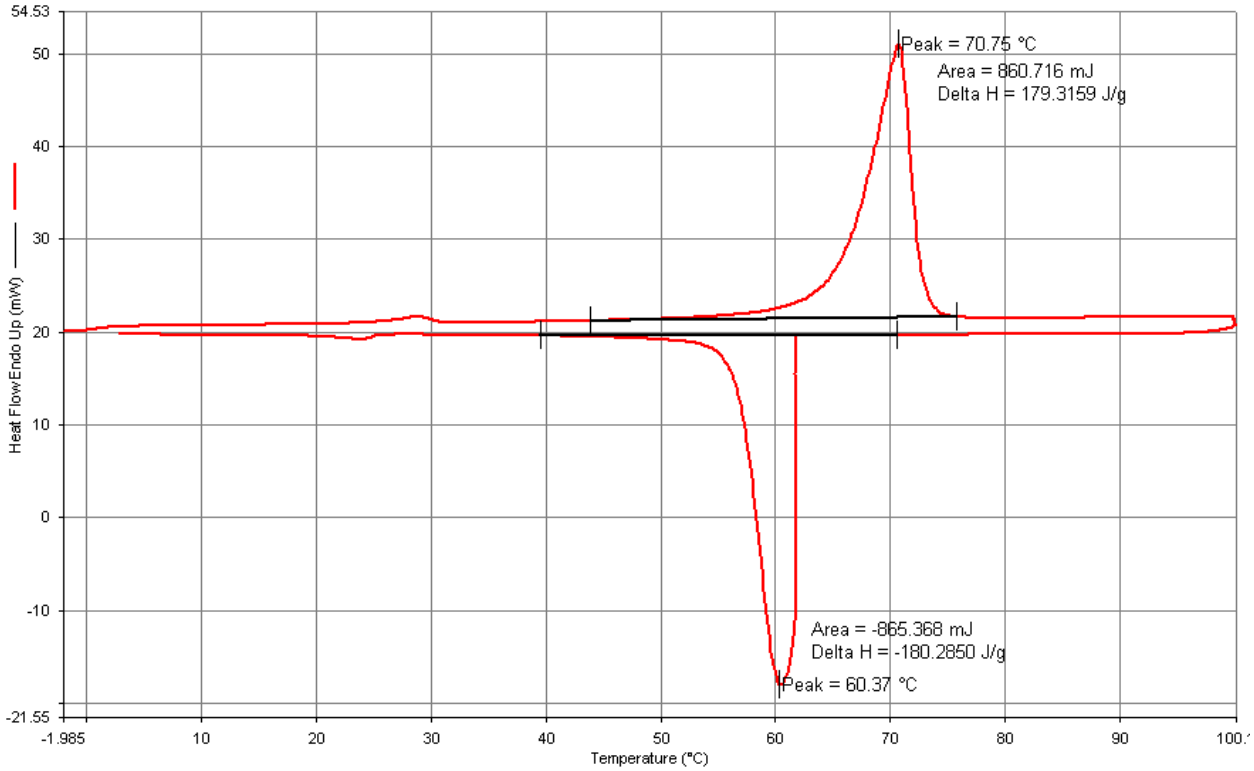

Fig S8. DSC curves of 80% SA@MOG-100 (Cr) composite PCMs.

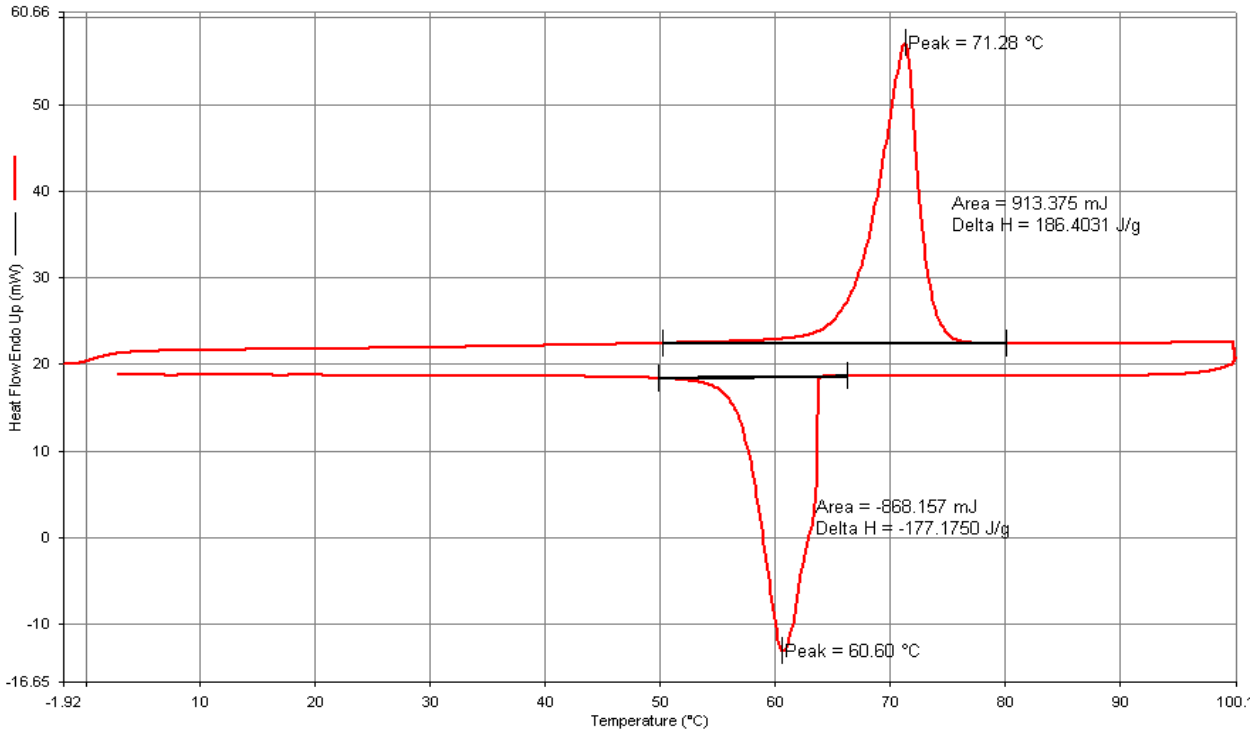

Fig S9. DSC curves of 85% SA@MOG-100 (Cr)composite PCMs.

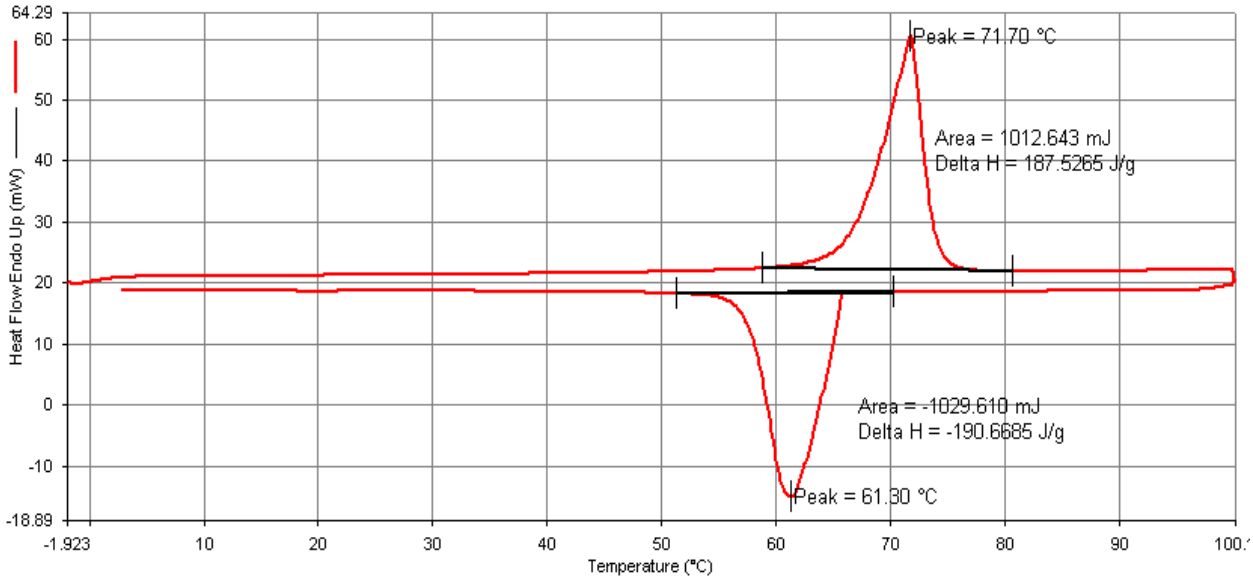

Fig S10. DSC curves of 87% SA@MOG-100 (Cr) composite PCMs.

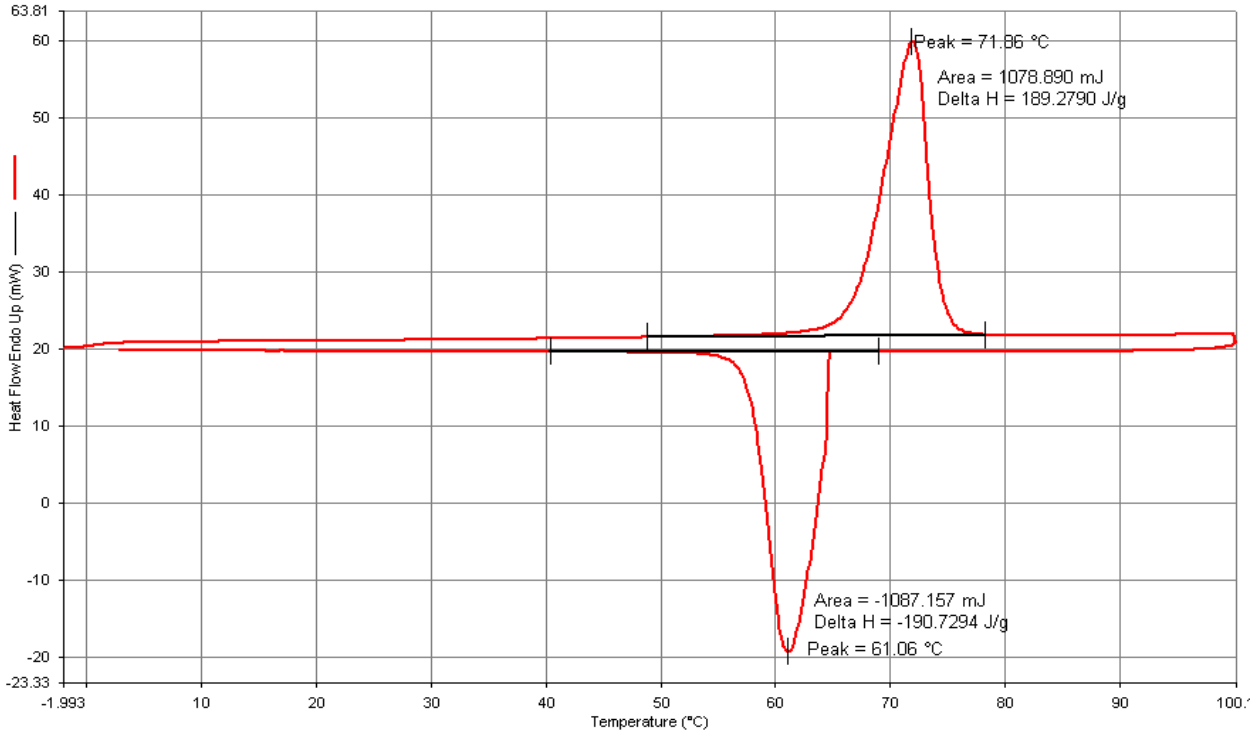

Fig S11. DSC curves of 90% SA@MOG-100 (Cr) composite PCMs.

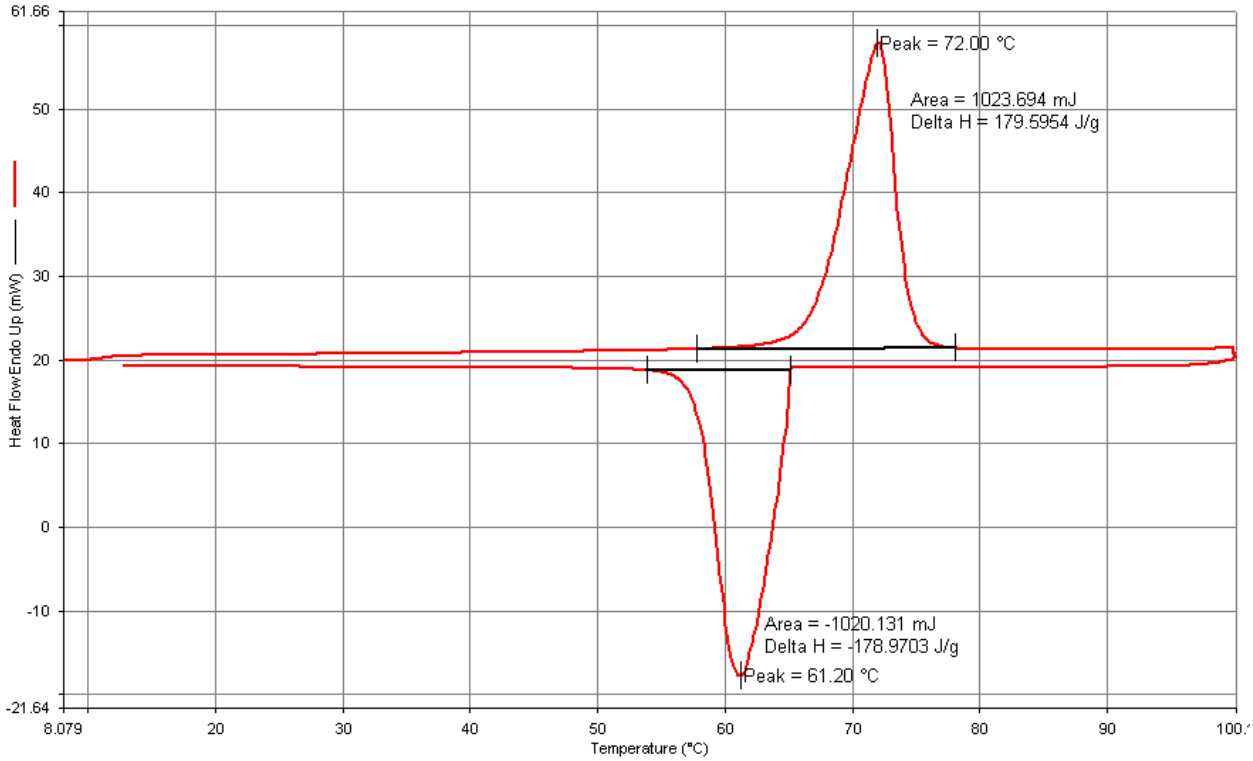

Fig S12. DSC curves of 90%-SA@MOG-100 (Cr) composites under 5 thermal cycles.

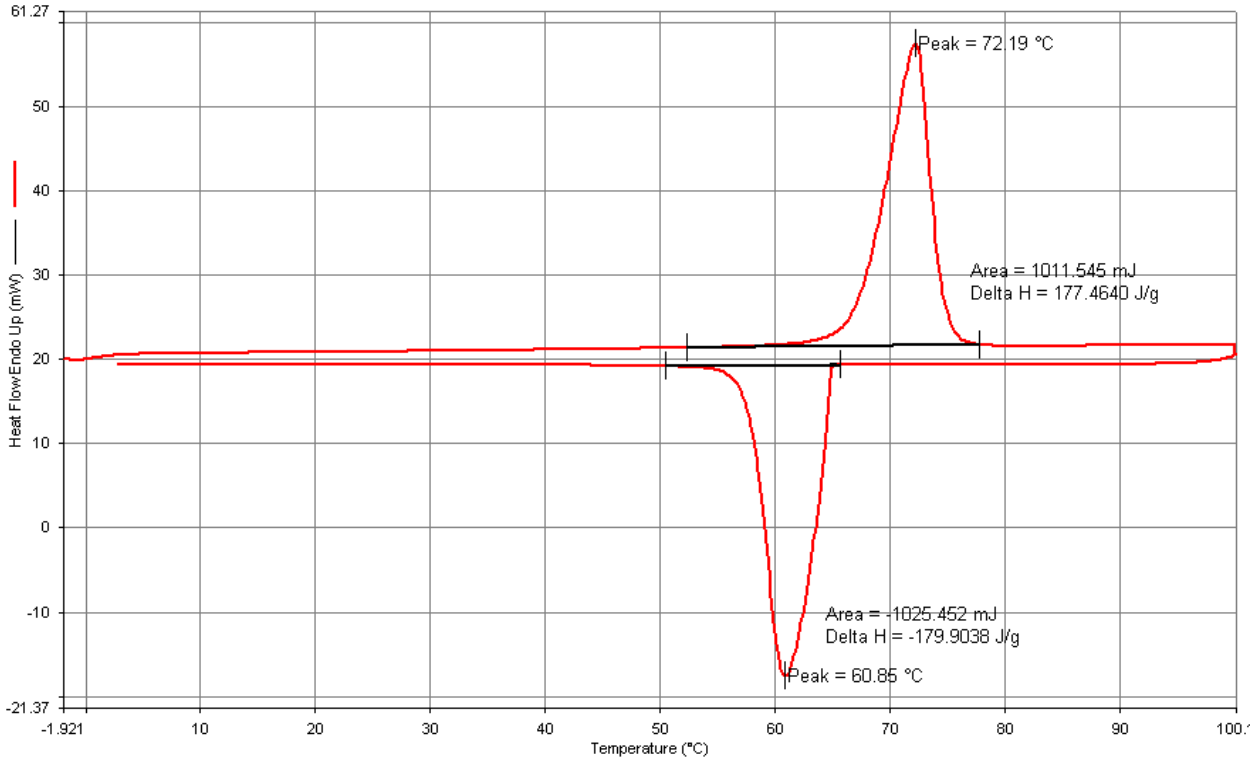

Fig S13. DSC curves of 90%-SA@MOG-100 (Cr) composites under 10 thermal cycles.

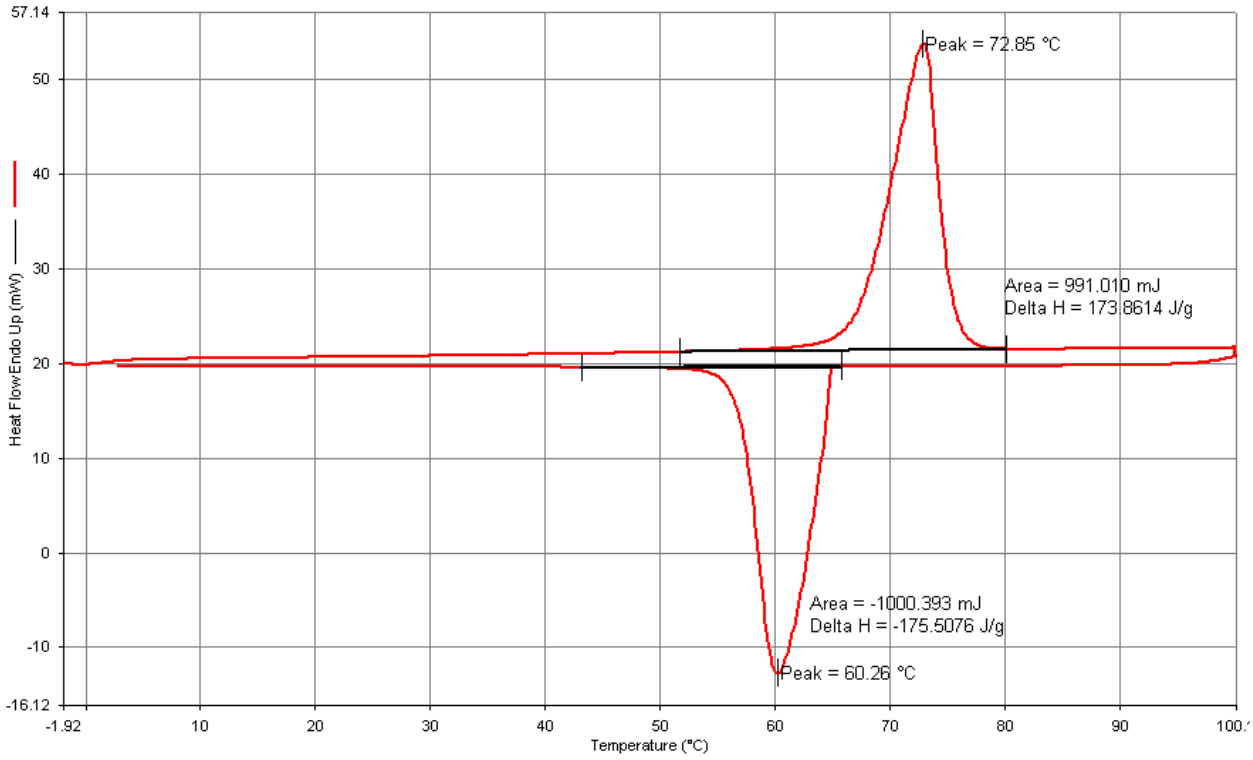

Fig S14. DSC curves of 90%-SA@MOG-100 (Cr) composites under 15 thermal cycles.