



Hamerton, I., Tang, W., Anguita, J. V., & Silva, S. R. P. (2015). Dramatic reductions in water uptake observed in novel POSS nanocomposites based on anhydride-cured epoxy matrix resins. *Materials Today Communications*, 4, 186-198. <https://doi.org/10.1016/j.mtcomm.2015.07.001>

Peer reviewed version

License (if available):
CC BY-NC-ND

Link to published version (if available):
[10.1016/j.mtcomm.2015.07.001](https://doi.org/10.1016/j.mtcomm.2015.07.001)

[Link to publication record in Explore Bristol Research](#)
PDF-document

This is the author accepted manuscript (AAM). The final published version (version of record) is available online via Elsevier at <http://www.sciencedirect.com/science/article/pii/S2352492815300118>. Please refer to any applicable terms of use of the publisher.

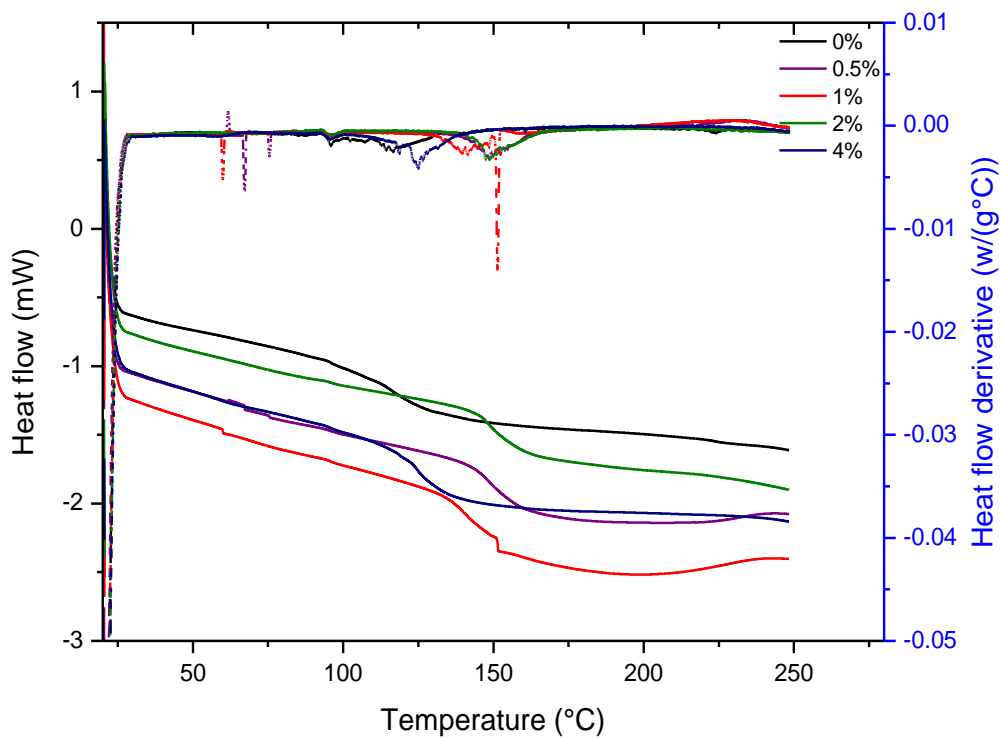
University of Bristol - Explore Bristol Research

General rights

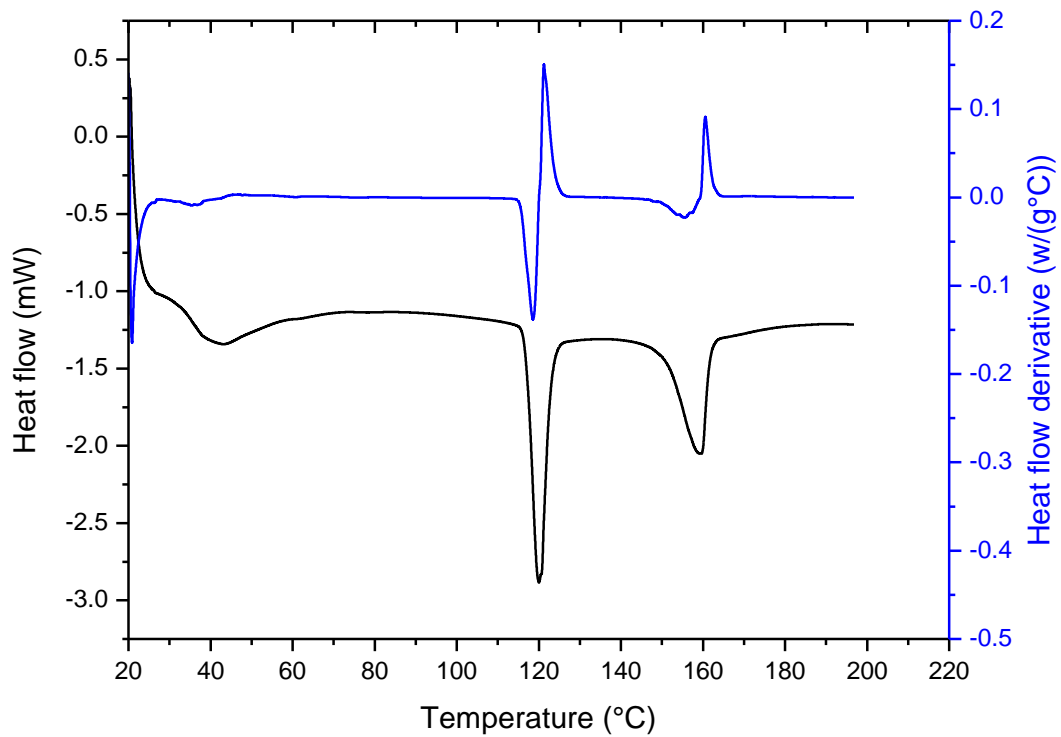
This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available: <http://www.bristol.ac.uk/red/research-policy/pure/user-guides/ebr-terms/>

Dramatic Reductions in Water Uptake Observed in Novel POSS Nanocomposites Based on Anhydride-Cured Epoxy Matrix Resins

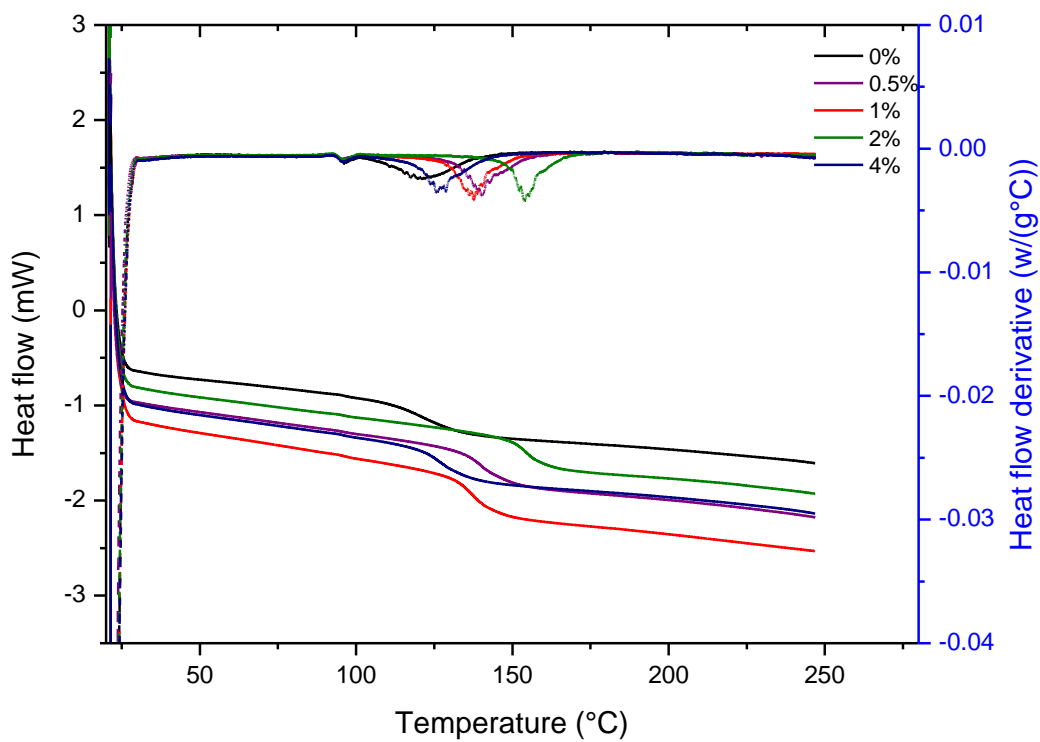
Winnie Tang,^{†,‡} Jose V. Anguita,[‡] S. Ravi P. Silva,[‡] and Ian Hamerton^{*,†}



S1 DSC of the first heat showing transitions at various temperatures (*N.B.* derivative heat flow plots are shown at the top of the plot)



S2 DSC thermogram of EP0402



S3 DSC of the second heat showing a single transition indicating the T_g