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## **RSC** Advances

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## Notes and references

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ESI 3 Additive loaded BNC with low re-swelling capacity: Comparison of BNC sample volume based on measured sample dimensions (thickness, diameter) and given as percentage of initial volume of additive loaded, dried and re-swollen samples (mean ± SD, n = 3).



ESI 4 Glucose release from azorubine and additive loaded air-dried BNC. Glucose was quantified reflectometrically. Data were calculated as mean ± SD (n = 3).



ESI 5 SEM micrographs of the top surface (a), the cross-section (b), and the bottom surface (c) of azorubine and glucose loaded air-dried samples after release (168 h release and 120 h second release step with medium exchange, (scale bars, 2 µm).