

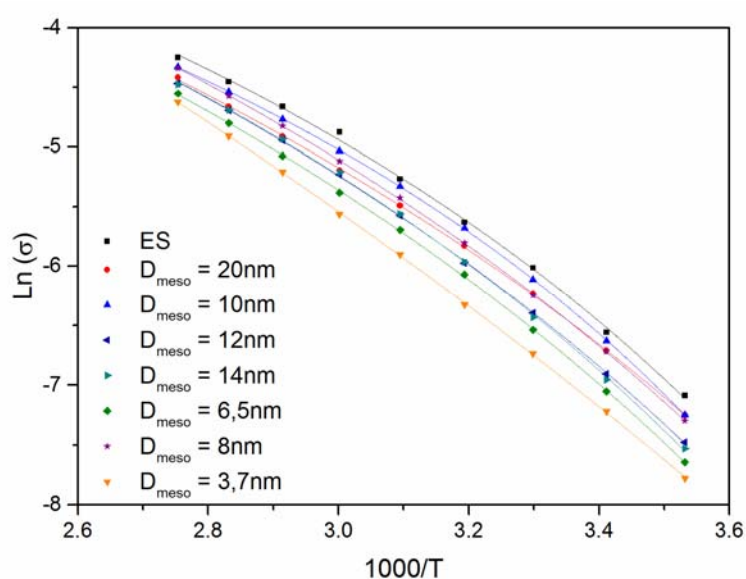
Supplementary information

to

MS : “Enhancement of Lithium Transport by Controlling the Mesoporosity of Silica Monoliths filled by Ionic Liquids”

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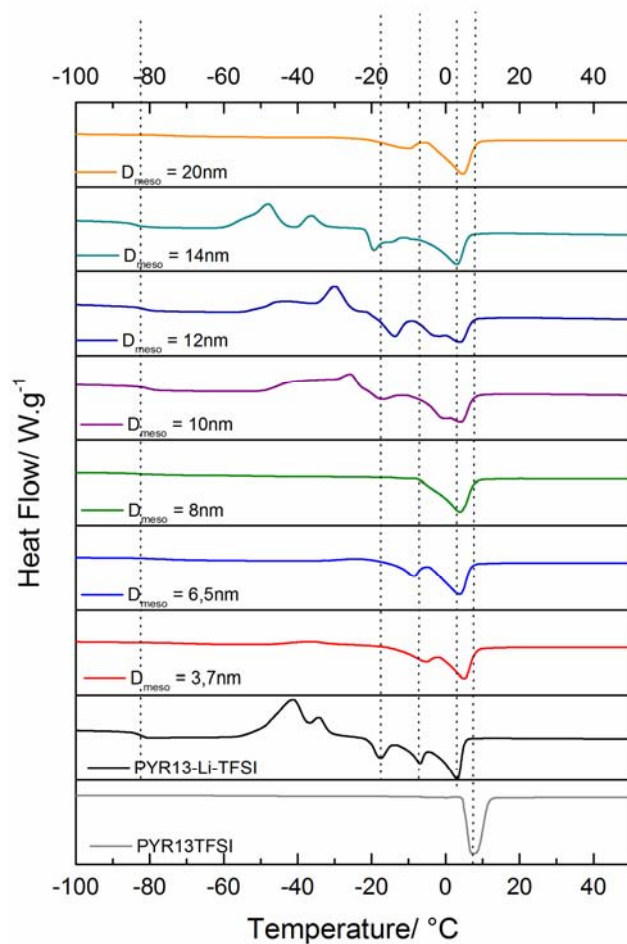
S.I. 1



S.I. 1 VTF fittings of the conductivity for neat ES and confined in different silica monoliths.

S.I. 2 : DSC measurements

Before DSC measurements (Q20 calorimeter, TA Instrument), samples were dried at 50°C under vacuum for 24h and sealed in hermetic aluminium pans. Samples were then quenched to -150°C at 20 °C.min⁻¹ and heated from -150 to +100°C at 10 °C.min⁻¹ after having reached thermal equilibrium. Data were analysed with TA Universal Analysis software.



S.I. 2 DSC of Pyr13 TFSI, neat ES and confined in different silica monoliths.