

Supporting Information

ALD for Advanced Lithionic Devices: Hybrid Ultrathin Solid-State Electrolytes.

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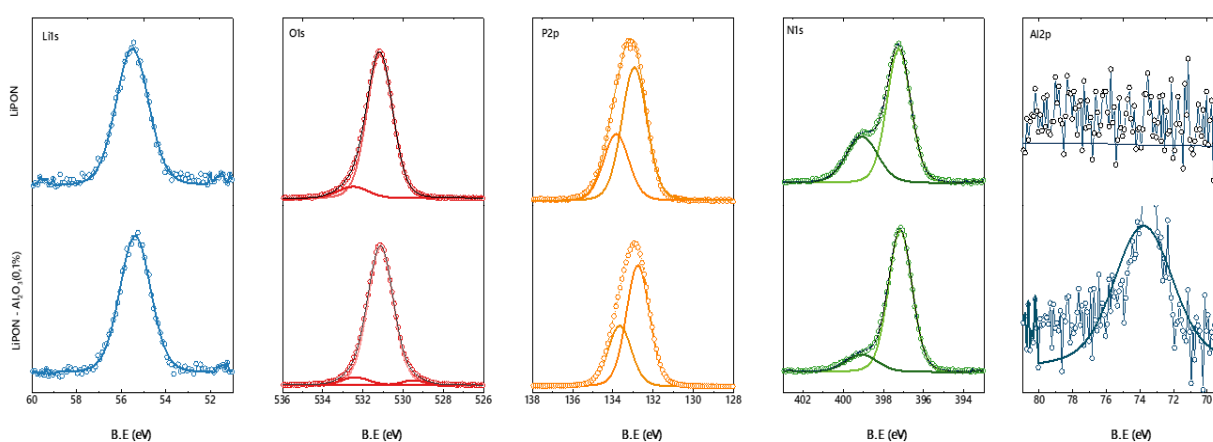


Fig 1 : Typical core peaks (Li1s, P2p, O1s and N1s) corresponding to two different LiPON samples : LiPON (reference) and LiPON Al₂O₃ (0,1%)

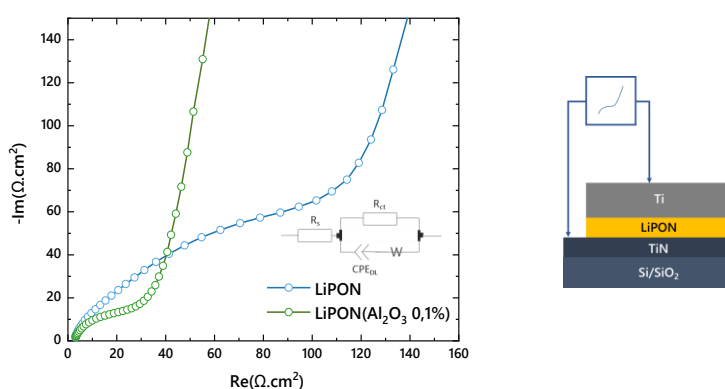


Fig 2: Nyquist plots of electrochemical impedance spectroscopy (EIS) of two samples tested: LiPON (reference) and LiPON Al₂O₃(0,1%), for a frequency range of 1Hz - 1MHz, in a MIM structure Ti/LiPON/TiN.