Supplementary data

Silane cross-linked cellulose-based separator for long-life lithium metal batteries application

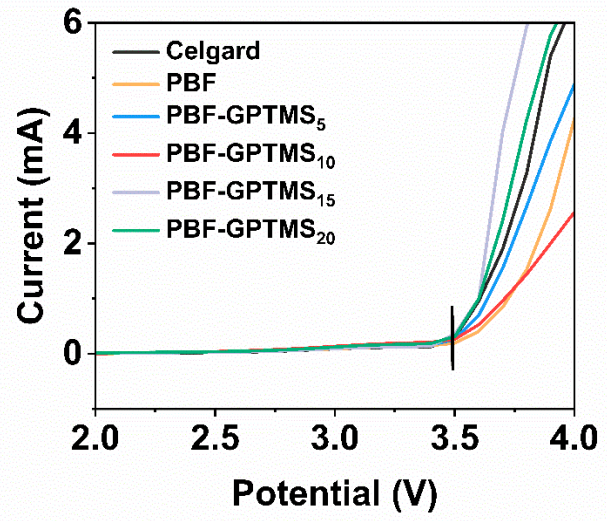


Figure. S1 LSV curves of Celgard, PBF, PBF-GPTMS$_5$, PBF-GPTMS$_{10}$, PBF-GPTMS$_{15}$ and PBF-GPTMS$_{20}$ separators with LFP as the working electrode at a scan rate of 5 mV s^{-1}.

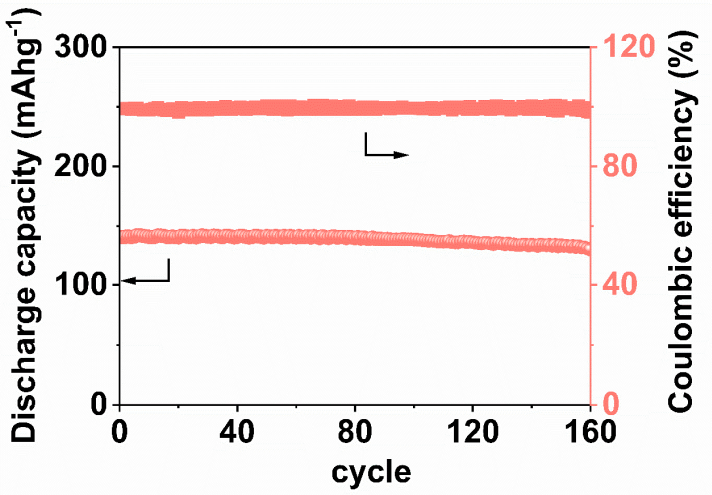


Figure. S2 Cycle performance of LMB assembled by PBF-GPTMS$_{10}$ at 1 C.