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## **Electronic supplement information (ESI)**

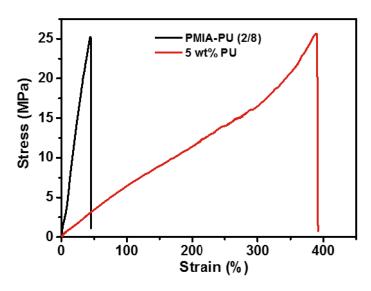
Nanonet-structured poly(m-phenylene isophthalamide)polyurethane membranes with enhanced thermostability and
wettability for high power lithium ion batteries

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Fig. S1 Chemical structure of PMIA.

Fig. S2 Chemical structure of PU.



**Fig. S3** Stress-strain curves of PMIA-PU based membranes with weight ratio of 2/8 and 5 wt% PU membranes.