**Electronic Supplementary Information**

**Non-Solvent Processing for Robust but Thin Membrane of Ultra-High Molecular Weight Polyethylene**

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**Fig S1** WAXD images through-viewed for membranes prepared from the powder-pressed (top) and roll-pressed films (bottom). Samples (A) - (F) are same in Fig. 2. Vertical drawing directions in the biaxial membrane preparation were maintained for all images. The inner and outer rings correspond to (110) and (200) reflections for the orthorhombic form.