

Figure S1. The GPC curve for polymer 6-HW.

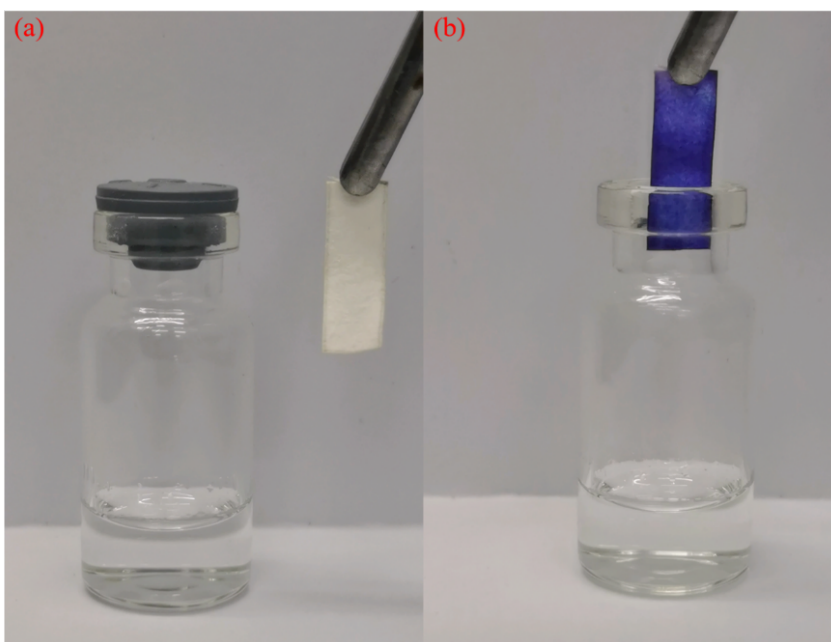


Figure S2. The color change properties of test chips with ammonia gas released by amine water.

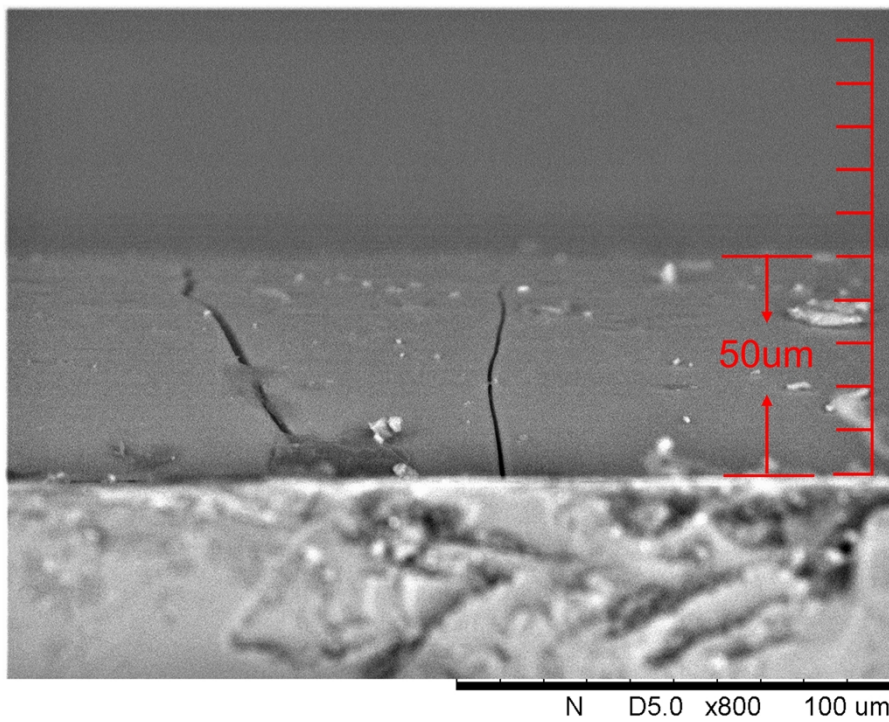


Figure S3. The thickness of the polymer **6** film.

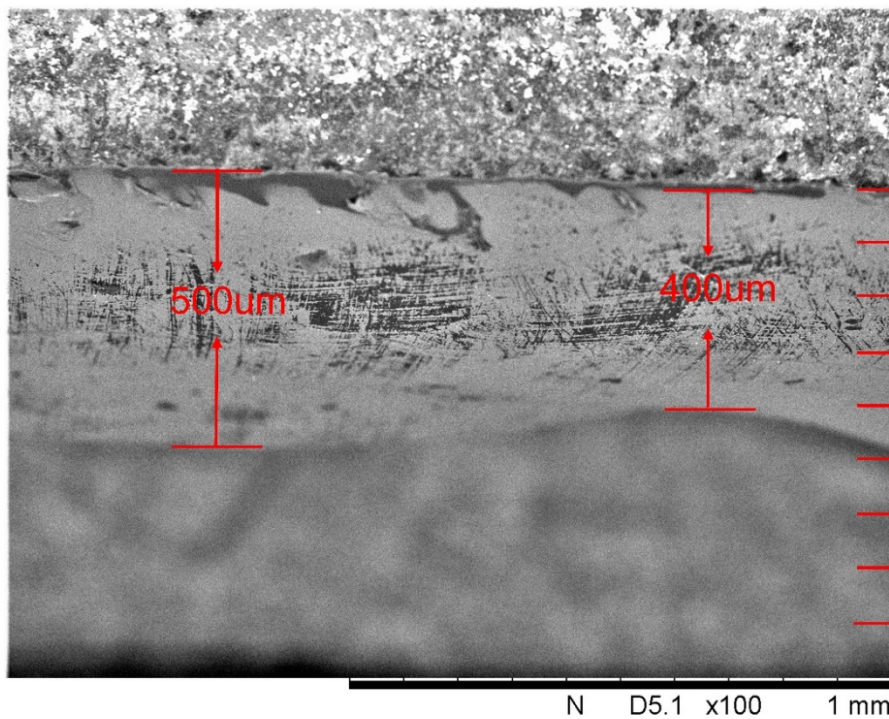


Figure S4. The thickness of the electrolyte thin film.