Poly (tetrafluoroethylene-co-perfluorovinyl ether sulfonamide) for

Anion Exchange Membranes

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Table S1. Properties of PFSO₂NH-MGMC and Tokuyama A201 at 30 $^{\circ}$ C before and after being immersed in 8 M KOH at 60 $^{\circ}$ C for 10 days.

	IEC		Transport number ^c		permselectivity
Membrane	(meq.g ⁻¹)				
	Cl⁻	OH	Cl-	Na ⁺	
	form	form			
PFSO ₂ NH-MGMC ^a	0.88	0.90	0.91	0.06	96.8
PFSO ₂ NH-MGMC ^b	0.84	0.88	0.88	0.11	97.8
A201ª	1.57	1.62	0.89	0.05	98.9
A201 ^b	0.67	0.65	0.69	0.35	99.6
A201 ^b	0.67	0.65	0.69	0.35	99.6

^a The samples before in 8 M KOH.

 $^{\rm b}$ The samples after being immersed in 8 M KOH at 60 $^{\circ}\!{\rm C}$ for 10 days.

^c Current density (12 mA/cm⁻²)

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Figure S1. Photographs of PFSO₂NH-MGMC-OH dry membrane. The membrane is transparent, flexible, and could be easily cut into desired sizes