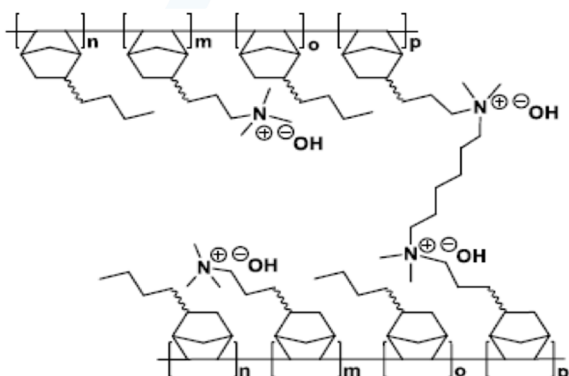


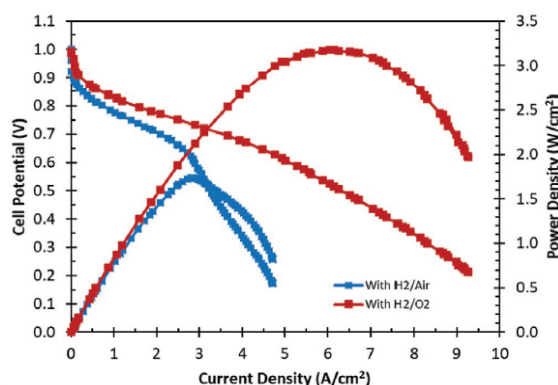


Polymer Solutions Inc has developed a family of patent pending anion conducting polymers for (i) high-conductivity membranes and (ii) ionomers to fabricate electrodes. The polymers are based on high glass transition temperature poly(norbornene) copolymers. Hydroxide conductivity at 80°C is >200 mS/cm. The polymers are durable at high pH <1% conductivity loss in KOH at 80°C after >1200 hr. Custom ionomers for fuel cell/electrolyzer anode and cathode including self-adhesive ionomers for durable electrolyzers.

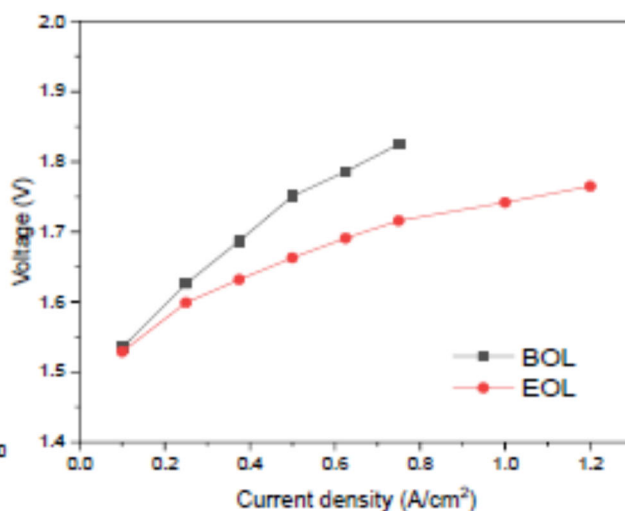
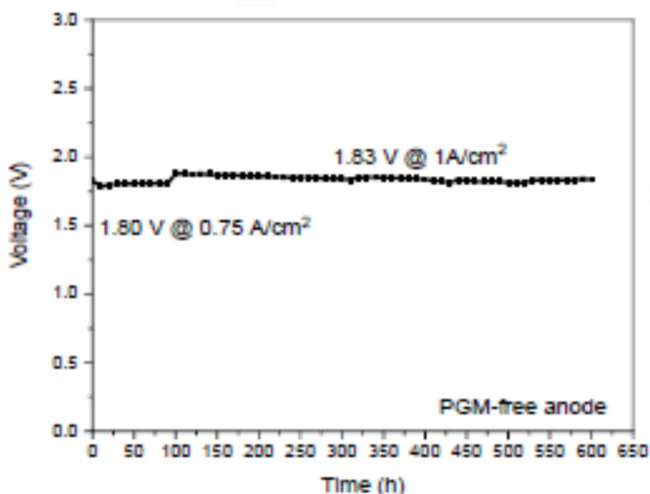
### ❖ Hydroxide conducting polymer



### ❖ H<sub>2</sub>/O<sub>2</sub> fuel cell: 3.5 W/cm<sup>2</sup>



### ❖ Membranes and self-adhesive ionomers for alkaline water electrolysis.



**Contact us for samples, product information, purchasing, and questions!**  
Ionomers and Polymer sold by Polymer Solutions Inc  
Membranes sold as Pention® by Fuel Cell Store and Aldrich