



pemora®: PROTON EXCHANGE MEMBRANE TECHNICAL SHEET

PROTON EXCHANGE FOR A NEW LEVEL OF SUSTAINABLE ENERGY



FEATURES:

- Hydrocarbon-based ionomer
- Chemically Robust
- High Tensile Strength
- Low Dimensional Swelling

BENEFITS:

- PFAS-free, does not have adverse environmental impacts
- The only US Manufacturer of SPEEK PEM in film form at scale
- Higher temperature capabilities allow for a wider range of uses
- High uniformity with reproducible ion exchange capacity and ionic conductivity
- Can be readily integrated into existing systems
- Domestic Supply Chain

TECHNICAL CAPABILITIES:

Degree of Sulfonation	62-64%
Thickness (um)	50 ±2
Conductivity (mS/cm)	0.030-0.040
Ion Exchange Capacity (mmol/g)	1.78-1.88



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