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PFSA D50-U Proton Exchange Membrane

Batch			Test Date	
Model		PFSA D50-U Proton Exchange Membrane		570mm×100m roll
NO.	Item		Results	Remarks
1	Appearance		Surface even, no crease	Passed
2	Thickness (μm)		51.5	Passed
3	Swelling in Water (%)	TD	9.0	Passed
		MD	8.8	Passed
4	Elongation at Break (%)	TD	346.3	Passed
		MD	345.7	Passed
5	Tensile strength (MPa)		36	Passed
6	Puncture strength (gf)		505	Passed
7	Total Acid Capacity (meq /g)		1.02	Passed
8	Ion Content (ppm)		0.3	Passed
9	Nickel Content (ppm)		0.3	Passed