



Hydrogreen
Energy



TECHNICAL DATA SHEET

Reference: eCoCell-NW40-E

Typical Properties	Units	Value
GDL thickness	mm	0.38
MPL thickness	mm	--
Mass density	g/cm ³	0.45
Area weight	g/cm ²	0.014
Porosity	%	>80
Pore distribution		Bimodal
Mean pore diameter	μm	2
Through plane area-specific resistance 1Mpa	Ω·cm	<0.4
In plane electric resistance (four point method)	Ω·cm	<0.14
Through plane thermal conductivity (25°C)	W/(m·K)	0.30
Through plane thermal conductivity (50°C)	W/(m·K)	0.20
Through plane permeability, Gurley method	Seconds	<1
Water contact angle (MPL side)	Degrees	--
Water contact angle (MPS side)	Degrees	>150



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