



Hydrogreen  
Energy



## TECHNICAL DATA SHEET

Reference: eCoCell-BW40-E

Typical Properties	Units	Value
GDL thickness	mm	0.4
MPL thickness	mm	0.02
Mass density	g/cm <sup>3</sup>	0.39
Area weight	g/cm <sup>2</sup>	0.018
Porosity	%	>80
Pore distribution		Bimodal
Mean pore diameter	μm	2
Through plane area-specific resistance 1Mpa	Ω·cm	<0.3
In plane electric resistance (four point method)	Ω·cm	<0.2
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	<2
Water contact angle (MPL side)	Degrees	>165
Water contact angle (MPS side)	Degrees	>150



**H2E**

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