



Hydrogreen
Energy



TECHNICAL DATA SHEET

Reference: eCoCell-BW40-E1

Typical Properties	Units	Value
GDL thickness	mm	0.3
MPL thickness	mm	0.02
Mass density	g/cm ³	0.35
Area weight	g/cm ²	0.01
Porosity	%	>75
Pore distribution		Bimodal
Mean pore diameter	μm	0.40
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	<12
Water contact angle (MPL side)	Degrees	>165
Water contact angle (MPS side)	Degrees	>150



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