



Hydrogreen
Energy



TECHNICAL DATA SHEET

Reference: eCoCell-BW40-a

Typical Properties	Units	Value
GDL thickness	mm	0.40
MPL thickness	mm	0.02
Mass density	g/cm ³	0.45
Area weight	g/cm ²	0.017
Porosity	%	>70
Pore distribution		Monomodal
Through plane area-specific resistance 1Mpa	Ω·cm	<0.2
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



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HYDROGREEN ENERGY
www.hydrogreenenergy.com
(+34) 965 661 828
info@hydrogreenenergy.com

Avenida de la Industria, 13-15 • 03690 San Vicente del Raspeig • Alicante