

LINQCELL **GDL1850**

Graphitized Carbon Plate

- 1.85mm - 1850um - 73mil
- TP Resistance: <13.3 mΩcm²
- For electrodes and Gas diffusion layers

GDL1850 is a graphitized carbon plate, commonly used as a gas diffusion layer and electrode for fuel cells. Its through plane resistance is less than 13.3 mΩcm². The thickness is 1.85mm and is measured at 50 kpa.

GDL1850 has a density of ±0.85 g/cm³ and a through plane resistivity of 70mΩ-cm instead of 100mΩ-cm from the classic Spectracarb grades. Voltage loss is 25mV. This product is a close alternative to Spectracarb 2050A-7590. Caplinq, is able to offer die cut circles and patterns. Maximum sheet dimension is 40x40cm.

Property	Value	Unit
Thickness @50kpa	1.85	mm
Density	0.85	g/cm ³
Basis weight	1562	g/m ²
Resistance (TP)	13,2	mΩcm ²
Resistivity (TP)	70,5	mΩcm
Voltage loss	25,5	mV

TP: Through plane

Storage and Handling

Shelf life is more than 1 year if stored in a dry and cool, well ventilated place at room temperature.

Do not leave exposed to moisture and sunlight for long periods of time.

Don't throw the plate or put heavy pressure on it and the box to avoid breaking.

Do not apply uneven pressure on the plate.

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