

LINQCELL **GDL1500**

Graphitized Carbon Plate

- 1.5mm - 1500um - 59mil
- TP Resistance: <math><13.5 \text{ m}\Omega\text{cm}^2</math>
- For electrodes and Gas diffusion layers

GDL1500 is a graphitized carbon plate, commonly used as a gas diffusion layer and electrode for fuel cells. Its through plane resistance is less than 13.5 mΩcm². The thickness is 1.5mm and is measured at 50 kpa.

GDL1500 with a density of ±0.60 g/cm³ is a newly developed, close alternative to the highly popular and discontinued Spectracarb 6060. Compared to it it has a resistivity of 90mΩ-cm instead of 100mΩ-cm. Caplinq, is able to offer die cut circles and patterns. Maximum sheet dimension is 40x40cm.

Property	Value	Unit
Thickness @50kpa	1.5	mm
Density	0.60	g/cm ³
Basis weight	858	g/m ²
Resistance (TP)	13.3	mΩcm ²
Resistivity (TP)	90.6	mΩcm
Voltage loss	24.3	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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