

LINQCELL GDP240

Graphitized Carbon Paper



- 0.24 mm–240 μm –9.5 mil
- Alternative to Spectracarb 1050
- Low through-plane resistance

LINQCELL GDP240 is an advanced carbon paper that is specifically designed for use in fuel cell applications. It has a microporous layer and a PTFE coating, which is crucial for effective water management within the fuel cell. This product is remarkably thin, with a thickness of only 0.24 mm, facilitating effortless handling and seamless integration into different fuel cell designs.

LINQCELL GDP240 offers a significant benefit with its low through-plane resistance, measuring under 15 $\text{m}\Omega \cdot \text{cm}^2$. This feature makes it an excellent alternative to the discontinued Spectracarb 1050. Overall, **LINQCELL GDP240** stands out as an ideal choice for fuel cells demanding superior efficiency and performance. It excels with outstanding electrical conductivity, durability, and user-friendly design, catering to both industrial and laboratory settings.

Specifications

Property	Value	Unit
Thickness @50kpa	0.240	mm
Tensile Strength <i>Thin film</i>	30	N/cm
Basis Weight	90	g/m^2
Through Plane Resistance	15	$\text{m}\Omega \cdot \text{cm}^2$
Gurley Air Permeability	85	$\text{cm}^3/\text{s}/\text{cm}^2$

Storage and Handling

1. Shelf life is more than 2 years if stored in a dry and cool, well ventilated place at room temperature.
2. Do not leave exposed to moisture and sunlight for long periods of time.
3. Do not throw the plate or put heavy pressure on it and the box to avoid breakage.
4. Do not apply uneven pressure on the sheet.

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