



2050A-1535 Porous Carbon-Carbon Paper

Spectracarb™ 2050A-1535 GDL is a lower density porous graphitized carbon /carbon sheet with low compressibility and with general utility for a range of PEM fuel cell, electrolyzer, redox flow battery and other electrochemical uses, including both commercial and military applications.

Measurement	Units	Spectracarb 2050A-1535
Sheet size	mm	400 x 400
Thickness	mm	0.380
Basis Weight	g/m ²	175
Geometric Density	g/cm ³	0.35
Air Permeability, through-plane	cfm/ft ²	45
Electrical Resistivity through-plane (@ 200 kPa) in-plane	mΩ·cm ² mΩ·cm	13 5.4
Thermal Conductivity through-plane (@ 25°C) through-plane (@ 100°C) in-plane (@ 25°C) in-plane (@ 100°C)	W/m·K	3.4 3.6 20.7 24.2
Flexural Strength	MPa	40
Porosity	%	78

A complete list and discussion of Spectracarb Products can be found at www.Spectracarb.com

	<p>Americas Engineered Fibers Technology, LLC 88 Long Hill Cross Road Shelton, CT 06484 USA Tel: +1 (203) 922.1810 Email: gdl@effibers.com</p>	 <p>Europe, Middle East & Asia CAPLINQ Europe BV Provincialeweg 1 1561 KK Krommenie The Netherlands Tel: +31 (20) 893 2224 Email: info@caplinq.com</p>
---	---	---

DISCLAIMER: The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing of any information or products referred to herein to determine suitability for their own particular purpose. WE MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing herein is to be taken as permission, inducement or recommendation to infringe on any patent or other intellectual property right, or violate any law or safety code.