

*Generic Data Sheet
Typisches Datenblatt*

**SGL TECHNOLOGIES GmbH
Fuel Cell Components**

®SIGRACET Gas Diffusion Media

Werner-von-Siemens-Str. 18

86405 Meitingen / Germany

email: fuelcellcomponents@sglcarbon.de

fax: ++49 (0) 8271 / 83-2351

Internet: www.sglcarbon.com

type GDL 10 BC

**Physical Properties
Physikalische Eigenschaften**

Properties Eigenschaften	Unit Einheit	Typical Value Typ. Meßwert	Variance (2 sigma) Streuung (2 sigma)	
Thickness ¹⁾ Dicke	µm	415	+/-	55
Areal Weight ²⁾ Flächengewicht	g/m ²	135	+/-	16
Air Permeability ³⁾ Luftdurchlässigkeit	cm ³ /(cm ² *s)	1.45	+/-	0.85
Spec. Electr. Resistivity (TP) ⁴⁾ Spez. Elektr. Widerstand (TP)	mΩcm ²	< 16		

This information is based on our present knowledge and is intended to provide general notes on our products. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Disclosure of the data to third parties or analysis of the materials with written permission only.

1) TI 522: 3,45 N/cm² (5psi), sample diameter 30 mm

2) TI 523: sample diameter 30 mm

3) TI 524: Gurley model 4118, 300 cm³, 0.1 sq.in orifice, 304 Pa, sample diameter 30 mm

4) TI 533: 2-point measurement, circular (25 mm diameter), gold plated contacts, 100 N/cm²