

Generic Data Sheet
Typisches Datenblatt

SGL TECHNOLOGIES GmbH
Fuel Cell Components

®SIGRACET Gas Diffusion Media

Werner-von-Siemens-Str. 18

86405 Meitingen / Germany

type **GDL 10 BB**

email: fuelcellcomponents@sglcarbon.de

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

Internet: www.sglcarbon.com

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	125	+/-	16
Air Permeability ³⁾ Luftdurchlässigkeit	$\text{cm}^3/(\text{cm}^2\cdot\text{s})$	3.00	+/-	1.80
Spec. Electr. Resistivity (TP) ⁴⁾ Spez. Elektr. Widerstand (TP)	$\text{m}\Omega\text{cm}^2$	< 15		

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