

## SIGRAFINE® ABR

Material: Carbon Forming: Extruded

Application: Fluorine electrolysis

## Material data of SIGRAFINE® ABR

Typical properties	Units	Test standards		50 x 200 x 580 mm 50 x 200 x 700 mm
Bulk density	g/cm³	ASTM C559		1.60
Max. grain size	mm	DIN 66165		0.8
Open porosity	Vol. %	ASTM C604		18
Resistivity	μΩm	ASTM C611	П	46
Dynamic modulus of elasticity	GPa	ASTM C747	П	12.7
Flexural strength (4 points)	MPa	ASTM C651	П	22
Compressive strength	MPa	ASTM C695	П	64
Thermal expansion (20 – 200 °C)	10 <sup>-6</sup> K <sup>-1</sup>	DIN 51909	П	4.5
Ash content	%	DIN 51903		0.2

Il parallel to the grain direction.

For any engineering/design purposes please always contact our technical sales team.



Graphite Materials & Systems | SGL CARBON GmbH Sales Europe/Middle East/Africa | gms-europe@sglcarbon.com Sales Americas | gms-americas@sglcarbon.com Sales Asia/Pacific | gms-asia@sglcarbon.com www.fine-grain-graphite.com | www.sglcarbon.com

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