

SIGRAFINE® R6500

Material: Graphite

Forming: Isostatically pressed Application: Semiconductor

Material data of SIGRAFINE® R6500

Units	Test standards	Values*_
μm	ISO 13320	10
g/cm³	DIN IEC 60413/204	1.77
Vol. %	DIN 66133	14
μm	DIN 66133	1.8
cm²/s	DIN 51935	0.25
	DIN IEC 60413/303	70
μΩm	DIN IEC 60413/402	14
MPa	DIN IEC 60413/501	50
MPa	DIN 51910	110
MPa	DIN 51915	10.5 x 10 ³
K ⁻¹	DIN 51909	4.2 x 10 ⁻⁶
Wm ⁻¹ K ⁻¹	DIN 51908	95
	μm g/cm³ Vol. % μm cm²/s μΩm MPa MPa MPa	μm ISO 13320 g/cm³ DIN IEC 60413/204 Vol. % DIN 66133 μm DIN 66133 cm²/s DIN 51935 DIN IEC 60413/303 DIN IEC 60413/402 MPa DIN IEC 60413/501 MPa DIN 51910 MPa DIN 51915 K⁻¹ DIN 51909

^{*} Typical average values of different rectangular and round block sizes. The actual individual block values might vary depending on dimension and format. 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

TDS R6500.00

04 2019/0 E Printed in Germany

®registered trademarks of SGL Carbon SE

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our "General Conditions of Sale".