



GRI Heat Treating Insulation Solutions

Quality, Service, and Consistency

Properties	Units	GRI	
Bulk Density	g/cc	0.18 +/- 0.03	
Thermal Conductivity	In Atmosphere	Vac	N ₂
Thermal Conductivity @500° C	W/mK	0.18	0.38
Thermal Conductivity @800° C	W/mK	0.30	0.51
Thermal Conductivity @1000° C	W/mK	0.40	0.59
Thermal Conductivity @1200° C	W/mK	0.38	0.70
Thermal Conductivity @1600° C	W/mK	0.59	1.02
Thermal Conductivity @2000° C	W/mK	1.00	1.51
Flexural Strength	MPa	1.03	
Compressive Strength	MPa	1.10	
Ash Content	ppm	<200	

Technical Support

Our team of Applications Engineers is knowledgeable about graphite and applications spanning multiple industries. These include metallurgical casting, electronics, chemical, nuclear, defense/aerospace, solar, LED, semiconductor, and other high temperature processes.

GRI Rev.0

NOTE: The above data should be regarded as general information, not guaranteed specification limits.

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