

Product Data Sheet

GRM Graphite Plates

Benefits:

Low Coefficient of Friction
Epoxy bonded or mechanically attached to backer plate
Available as loose plates (no backer)
Manufactured in America

Design Data:

Loading Range: up to 2,000psi
Temperature Range: up to 3,000°F

Specifications:

Fine-Grain Extruded 100% Carbon Graphite



Typical Physical Properties:

PROPERTIES	TEST STANDARD	ENGLISH	
		UOM	
Bulk Density	ASTM C-838	lbs/ft ³	108
Particle Size	ASTM C-559	Inches	0.031
Electrical Resistivity	ASTM C-830	Ω inch	3.25
Flexural Strength	ASTM C-651	Psi	2300
Compressive Strength	ASTM C-695	Psi	5100
Tensile Strength	ASTM C-565	Psi	1900
Porosity	ASTM C-611	%	18
COE (to 100° C)	ASTM E-228	10-6/°F	1.4
Thermal Conductivity	ASTM C-201	Btu-ft/hr-ft ² °F	90
Ash Content	ASTM C-561	%	0.12
Hardness		Rockwell "R"	80

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Request a quote:

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Design or specification help:

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