

GRM Graphite

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

Loading Range is up to 2,000psi.

Temperature Range

Temperature Range is up to 3,000°F

SPECIFICATIONS

Fine-Grain Extruded
100% Carbon Graphite

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

Request a quote: sales@grmcp.com

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