

# Product Data Sheet

## GRM Graphite Slide 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 <sup>3</sup>	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 <sup>2</sup> °F	90
Ash Content	ASTM C-561	%	0.12
Hardness		Rockwell "R"	80

[www.grmcp.com](http://www.grmcp.com)

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Request a quote:

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