

Thermal Break Pads

CE-Grade

PROPERTIES/BENEFITS

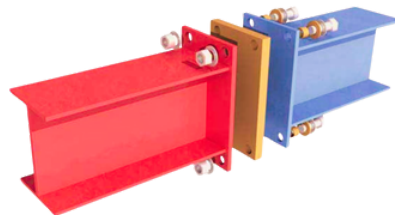
High Strength & Stiffness
 Excellent Dimensional Stability
 Low Creep/Deformation
 Good Mechanical Strength
 Excellent Thermal Isolator
 MIL-I-24768/14 Type FBG



APPLICATIONS

Thermal Breaks
 Structural Supports
 Bearing Surfaces
 Bushings & Washers
 Machinery Parts
 Marine Construction

PROPERTIES	TEST METHOD	TYPICAL RESULT
Specific Gravity	ASTM D-792	1.37
Hardness (Rockwell)	ASTM D-785	M100
Water Absorption, 24 hrs (%)	ASTM D-570	3.5
Flexural Strength (psi)	ASTM D-790	18,000
Flexural Modulus (psi)	ASTM D790	1,600
Tensile Strength (.125" lengthwise (psi)	ASTM D-638	12,000
IZOD Impact Strength	ASTM D-256	1.95 (ft-lb/in)
Bond Strength		2,500
Shear Strength	ASTM D-732	16,000
Compressive Strength (psi)	ASTM D-695	45,000
Compressive Modulus	ASTM D-695	1,450,000
Thermal Conductivity (BTU-in/ft ² -hr-°F)	ASTM C-177	0.95
Max Operating Temperature		257° F (max)
Flammability Rating	UL94	HB



Request a quote: sales@grmcp.com Website: www.grmcp.com

Design/specification help: eng@grmcp.com Phone: (936) 441-5910

