

RM130

TECHNICAL DATA BULLETIN

GRADE: RM130

NEMA GRADE: FR-4

U.L. LISTED: N

DESCRIPTION: Rolled and Molded Rods made from a glass fabric with a flame retardant resin system. RM130 combines excellent electrical characteristics with superior physical properties at normal operating temperatures. Electrical properties maintained in high humidity conditions. RM130 meets NEMA FR-4, but with elevated temperature performance.

TYPICAL PROPERTIES

		UNITS	VALUE ¹		
			Diameter Tested		
				0.500"	
PHYSICAL PROPERTIES					
Specific Gravity		-		1.84	
Rockwell Hardness		M Scale		105	
Moisture Absorption	Condition D ₁ -24/23	%		0.03	
Flexural Strength	Condition A	psi		65,200	
Tensile Strength	Condition A	psi		41,200	
Compressive Strength	Condition A	psi		52,600	
THERMAL PROPERTIES					
Temperature Index ²					
Electrical / Mechanical		°C		120 / 130	
Flammability Rtg. (UL 94)	Condition A	Class		V-0	

¹ All testing performed to ASTM D-349 unless otherwise indicated.

² NEMA LI-6: This temperature is a recommendation only, and based upon experience in various applications. The maximum operating temperature is dependent upon the application and should be investigated prior to use.

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. The terms and conditions of the agreement under which it is sold will govern any sales of this product. Data supplied above are "typical values"; not to be considered "specification values".

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Specification writers: Contact Norplex-Micarta for specification values before submission.