

# RT130M

## TECHNICAL DATA BULLETIN

**GRADE: RT130M**

**NEMA GRADE: FR-4**

**U.L. LISTED: N**

DESCRIPTION: Grade RT130M meets all of the property requirements of NEMA G-10, with the added feature being flame resistant, UL94 V-0. Typical applications include bushings, spacers and other structural parts. RT130M has excellent machining characteristics.

### TYPICAL PROPERTIES

	UNITS	VALUE <sup>1</sup>		
		Specimen Tested (ID x OD)		
			0.75" x 1.00"	
<b>PHYSICAL PROPERTIES</b>				
<b>Specific Gravity</b>	-		1.90	
<b>Rockwell Hardness</b>	M Scale		100	
<b>Moisture Absorption</b> Condition D <sub>1</sub> -24/23	%		0.18	
<b>Compressive Strength</b> Condition A	psi		27,400	
<b>THERMAL PROPERTIES</b>				
<b>Temperature Index</b> <sup>2</sup>				
Electrical / Mechanical	°C		140 / 140	
<b>Flammability Rtg. (UL 94)</b> Condition A	Class		V-0	
<b>ELECTRICAL PROPERTIES</b>				
<b>Electric Strength</b> Condition A	Volts/mil		385	
Condition D-48/50	Volts/mil		420	

<sup>1</sup> All testing performed to ASTM D-348 unless otherwise indicated.

<sup>2</sup> 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.