

RM630

TECHNICAL DATA BULLETIN

GRADE: RM630

NEMA GRADE: XXX

U.L. LISTED: N

DESCRIPTION: Rolled and Molded Rods are made from an alpha paper impregnated with an electrical grade of phenolic resin. RM630 is used for electrical and mechanical applications, meeting NEMA XXX requirements.

TYPICAL PROPERTIES

	UNITS	VALUE ¹		
		Diameter Tested		
			0.500"	
PHYSICAL PROPERTIES				
Specific Gravity	-		1.40	
Rockwell Hardness	M Scale		100	
Moisture Absorption Condition D ₁ -24/23	%		0.58	
Flexural Strength Condition A	psi		20,800	
Tensile Strength Condition A	psi		15,300	
Compressive Strength Condition A	psi		27,900	
THERMAL PROPERTIES				
Temperature Index ² Electrical / Mechanical	°C		140 / 140	
Flammability Rtg. (UL 94) Condition A	Class		HB	

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.