

# RT629

## TECHNICAL DATA BULLETIN

**GRADE: RT629**

**NEMA GRADE: XX**

**U.L. LISTED: N**

DESCRIPTION: RT629 is a paper phenolic tube intended primarily for mechanical applications, but is suitable for electrical applications as well. The electrical properties are not quite as good as those of RT630. RT629 also complies with MIL-I-24768/11, Type PBG and ASTM D709 Type I Grade XX.

### TYPICAL PROPERTIES

		UNITS	VALUE <sup>1</sup>		
			Specimen Tested (ID x OD)		
				0.75" x 1.00"	
PHYSICAL PROPERTIES					
Specific Gravity		-		1.28	
Rockwell Hardness		M Scale		95	
Moisture Absorption	Condition D <sub>1</sub> -24/23	%		1.00	
Tensile Strength	Condition A	psi		11,300	
Compressive Strength	Condition A	psi		21,800	
THERMAL PROPERTIES					
Temperature Index <sup>2</sup>					
Electrical / Mechanical		°C		140 / 130	
Flammability Rtg. (UL 94) Condition A		Class		HB	
ELECTRICAL PROPERTIES					
Electric Strength Condition A		Volts/mil		365	

<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.