

RT628

TECHNICAL DATA BULLETIN

GRADE: RT628

NEMA GRADE: XX

U.L. LISTED: N

DESCRIPTION: Grade RT628 is an improved machining grade meeting NEMA XX for tubes. It has low moisture absorption and good dimensional stability. Typical applications are as a replacement for RT629 where improved machining characteristics are needed. The primary application is in transformers.

TYPICAL PROPERTIES

	UNITS	VALUE ¹		
		Specimen Tested (ID x OD)		
			0.75" x 1.00"	
PHYSICAL PROPERTIES				
Specific Gravity	-		1.25	
Rockwell Hardness	M Scale		85	
Moisture Absorption Condition D ₁ -24/23	%		1.37	
Compressive Strength Condition A	psi		22,100	
THERMAL PROPERTIES				
Temperature Index ²				
Electrical / Mechanical	°C		130 / 130	
Flammability Rtg. (UL 94) Condition A	Class		HB	
ELECTRICAL PROPERTIES				
Electric Strength Condition A	Volts/mil		450	
Condition D-48/50	Volts/mil		185	

¹ All testing performed to ASTM D-348 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.

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