

# RTB326

## TECHNICAL DATA BULLETIN

**GRADE: RTB326**

**NEMA GRADE: --**

**U.L. LISTED: N**

**DESCRIPTION:** Grade RTB326 is a tube made from a fine cotton fabric and an epoxy resin system. It has low moisture absorption and excellent dimensional stability and chemical resistance. Typical uses include bearing retainers and parts that require excellent machining characteristics.

### TYPICAL PROPERTIES

		UNITS	VALUE <sup>1</sup>		
			Specimen Tested (ID x OD)		
				0.75" x 1.00"	
PHYSICAL PROPERTIES					
Specific Gravity		-		1.35	
Rockwell Hardness		M Scale		100	
Moisture Absorption	Condition D <sub>1</sub> -24/23	%		1.05	
Tensile Strength	Condition A	psi		10,700	
Compressive Strength	Condition A	psi		29,300	
THERMAL PROPERTIES					
Temperature Index <sup>2</sup>					
Electrical / Mechanical		°C		140 / 140	
Flammability Rtg. (UL 94)	Condition A	Class		HB	
ELECTRICAL PROPERTIES					
Breakdown Voltage	Condition A	kVolts		49	
	Condition D-48/50	kVolts		21	
Electric Strength	Condition A	Volts/mil		275	
	Condition D-48/50	Volts/mil		350	

<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.