

BT18NPA

TECHNICAL DATA BULLETIN

GRADE: BTNPA

NEMA GRADE: --

U. L. LISTED: N

DESCRIPTION: Grade BT18NPA is a red colored composite tube made from a heavy 24 oz/sq. yard canvas fabric saturated with a phenolic resin system modified with alumina. BT18NPA is designed for highly loaded bearing applications, where the lubrication is provided by oil, water or a mixture.

TUBE TESTED: ID = 2.00", OD = 2.50"

TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE ¹
Specific Gravity	-	1.33
Rockwell Hardness	M Scale	74
Moisture Absorption	%	1.1
Tensile Strength	psi	4,100
Compressive Strength (axial)	psi	22,000
Compressive Modulus (axial)	kpsi	360

THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE¹
Temperature Index ² Electrical / Mechanical	°C	- / 140
Flammability Rating - U. L. 94	Class	HB

¹ All testing per ASTM D-348 unless otherwise noted.

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.

The data presented, while believed to be accurate and representative of the material's characteristics, was compiled from a limited number totally independent tests using reliable analytical test methods. It is being provided for informational purposes only. We acknowledge that a larger data population may produce different results but have no means to predict what they may be. 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".

To assure the material's performance is adequate for a specific application; customers should verify, independent of Norplex-Micarta, performance characteristics of interest.

It is the responsibility of the users of this information to make sure that they have the latest version of this TDB, and are urged to check with Customer Service or, preferably our web site, www.norplex-micarta.com, to determine if information is most current.

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