RT342H

TECHNICAL DATA BULLETIN

GRADE: RT342H   **NEMA LI 1-1998 GRADE: --**   **U.L. LISTED: N**

DESCRIPTION: Being a heat treated version of RT342, RT342H is a fine weave canvas phenolic material with fabric construction weight intermediate to RT310 and RTB320. RT342H is designed for better machining than grade RT310 and lower cost than RTB320. It also complies with ASTM D709 Type II Grade C.

TYPICAL PROPERTIES

		UNITS	VALUE	
			Specimen Tested (ID x OD)	
			0.75″ x 1.00″	
PHYSICAL PROPERTIES				
Specific Gravity (ASTM D792)		-	1.30	
Rockwell Hardness (ASTM D785)		M Scale	90	
Moisture Absorption (ASTM D570)	Condition D_1-24/23	%	1.70	
Tensile Strength (ASTM D638)	Condition A	psi	7,600	
Compressive Strength (ASTM D695)	Condition A	psi	27,500	
Compressive Modulus (ASTM D695)	Condition A	kpsi	250	
THERMAL PROPERTIES				
Temperature Index [1]	Electrical / Mechanical	°C	130 / 130	
Flammability Rating (UL Bulletin 94)	Condition A	Class	HB	
ELECTRICAL PROPERTIES				
Electric Strength (ASTM D149)	Condition A	Volts/mil	225	

[1] 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".

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 contact Customer Service, or preferably our web site, www.norplex-micarta.com, to determine if information is the most current.

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