

RM310E

TECHNICAL DATA BULLETIN

GRADE: RM310E

NEMA GRADE: CE

U.L. LISTED: N

DESCRIPTION: Rolled and Molded Rods made from a plain weave, medium weight cotton fabric combined with a phenolic resin system. RM310E is used for mechanical and electrical applications, meeting NEMA Grade CE requirements.

TYPICAL PROPERTIES

		UNITS	VALUE ¹		
			Diameter Tested		
				0.500"	
PHYSICAL PROPERTIES					
Specific Gravity		-		1.34	
Rockwell Hardness		M Scale		90	
Moisture Absorption	Condition D ₁ -24/23	%		0.90	
Flexural Strength	Condition A	psi		18,400	
Tensile Strength	Condition A	psi		8,900	
Compressive Strength	Condition A	psi		28,600	
THERMAL PROPERTIES					
Temperature Index ²		°C		115 / 125	
Electrical / Mechanical					
Flammability Rtg. (UL 94)	Condition A	Class		HB	

¹ All testing performed to ASTM D-349 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.

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.