



Global Thermoset Composite Solutions

RSGFR4

TECHNICAL DATA BULLETIN

GRADE: RSGFR4

NEMA LI 1-1998 GRADE: --

U.L. LISTED: N

DESCRIPTION: RSGFR4 is a sheet ground rod produced from sheets of material that conform to NEMA FR-4, ANSI/NEMA FR-4 and MIL-I-24768/27 Type GEE-F. None of these specifications have any requirements for sheet ground rod.

TYPICAL PROPERTIES

		UNITS	VALUE ¹		
			Diameter Tested		
				0.500"	
PHYSICAL PROPERTIES					
Specific Gravity		-		1.90	
Rockwell Hardness		M Scale		105	
Moisture Absorption	Condition D ₁ -24/23	%		0.03	
Flexural Strength	Condition A	psi		67,500	
Flexural Modulus		kpsi		2,500	
Tensile Strength	Condition A	psi		42,500	
Tensile Modulus		kpsi		3,200	
Compressive Strength	Condition A	psi		47,500	
THERMAL PROPERTIES					
Temperature Index ²					
Electrical / Mechanical		°C		120 / 130	
Flammability Rtg. (UL 94)	Condition A	Class		V-0	

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".

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.