NP515LS

TECHNICAL DATA BULLETIN

GRADE: NP515LS **NEMA GRADE:** G-3 **U. L. LISTED:** N

DESCRIPTION: NP515LS is a woven glass fabric combined with a high temperature phenolic resin. It is engineered to provide superior shrink characteristics at elevated temperatures, making it an ideal material for insulating gaskets. Having been tested and certified as a NEMA G-3 material, NP515LS also meets or exceeds the requirements of IEC 60893-3-4 PF GC 201.

THICKNESS TESTED: 0.062″, 0.125″, & 0.500″

TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES		UNITS	VALUE
Specific Gravity (0.062″)		-	1.89
Rockwell Hardness (0.062″)		M Scale	112
Moisture Absorption (0.062″)		%	0.56
Flexural Strength (0.062″) Condition A	LW / CW	psi	70,200 / 49,100
Tensile Strength (0.062″)	LW / CW	psi	54,900 / ---
Izod Impact Strength (0.500″) Condition E-48/50	LW / CW	ft-lb/in notched	13.7 / 8.5
Compressive Strength (0.500″) (Flatwise)		psi	76,400
Bonding Strength (0.500″) Condition A Condition D-48/50		lb	1,600 ---

THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE
Flammability Rating - U. L. 94 (0.062″)	Class	HB

[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".

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 speciation values before submission.