



Global Thermoset Composite Solutions

SkatePlate 3000®

TECHNICAL DATA BULLETIN

GRADE: SkatePlate 3000

NEMA GRADE: --

U. L. LISTED: N

DESCRIPTION: Phenolic paper based grade for mechanical applications. Good tensile, compressive and flexural strength. This paper/phenolic composite is primarily a machining material as opposed to a punching stock. SkatePlate is designed to be used for the wear surfaces in roller skate and skateboard parks.

THICKNESS TESTED: 0.062", 0.125" & 0.500"

TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE
Specific Gravity	-	1.30
Rockwell Hardness	M Scale	115
Moisture Absorption (0.062")	%	8.0
Flexural Strength (0.062") Condition A	LW / CW psi	25,000 22,000
Tensile Strength (0.125") Condition A	LW / CW psi	17,000 13,000
Compressive Strength (0.500") Condition A	Flatwise psi	30,300

THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE
Temperature Index (UL Bulletin 746b) Electrical/Mechanical	°C	--/150 ¹
Flammability Rating - U. L. 94 (0.062")	Class	HB
Breakdown Voltage (0.062") Condition A	kV	60
Condition D-48/50		3

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 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.