



## SkatePlate 3000™

### TECHNICAL DATA BULLETIN

**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", and 0.500".

#### TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE
Specific Gravity	-	1.30
Rockwell Hardness (.062")	M Scale	115
Moisture Absorption (.062")	%	8.0
Flexural Strength (.062") LW	psi	25,000
CW		22,000
Tensile Strength (.125") LW	psi	17,000
CW		13,000
Compressive Strength (.500")	psi	30,300

THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE
Maximum Operating Temperature	°C	150 <sup>1</sup>
Flammability Rating - U. L. 94	Class	HB
Dielectric Breakdown Condition – A (.062") D-48/50	kV	60
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Tensile Strength		45,000
Compressive Strength (axial)	psi	35,000

<sup>1</sup> 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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