



INDUSTRIES 3R

**Danville Office**  
55, route 116 Ouest  
Danville (Québec) Canada  
J0A 1A0

Phone: 819-839-2793  
Fax: 819-839-2797  
Toll-free: 800-567-2728  
E-mail: info@industries3r.com

PHENOLICS

## NEMA CE



### Description

The CE grade is a cotton canvas and phenolic resin laminate that provides excellent electrical insulating properties and superior moisture resistance.

### Applications

This material is ideal for machining gears, pulleys, rollers, guides and control boards that must be electrically insulated.

### Specifications

#### Technical Data

Specific gravity	1.37
Tensile Strength (psi)	11 000 / 9 000
Compressive Strength (psi)	34 000
Flexural Strength (psi)	17.000
Hardness, M Scale	100
Bonding Strength	1 700
Shear strength (psi)	14.000
Electric strength - Volt /mil	550
Flammability rating	HB
Température	125 °C (257 °F)

Coeff. Thermal EXP. In/In/°C x 10 <sup>-6</sup>	20
Water absorption %	2.0

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.