

DATA SHEET

NORYL

PHYSICAL

SPECIFIC GRAVITY	1.05 - 1.10
WATER ABSORPTION, 24 hr. (%)	0.07

MECHANICAL

TENSILE

Strength, Yield (10 ³ psi) @ 73°F.	6.5 - 9.6
Elongation, Ultimate (%) @ 73°F.	
Modulus, Yield (10 ³ psi) @ 73°F.	

FLEXURAL

Strength, (10 ³ psi) @ 73°F.	8.3 - 13.5
Modulus, Yield (10 ³ psi) @ 73°F.	340 - 360

COMPRESSIVE STRENGTH

2% Offset, (10³ psi)

IMPACT STRENGTH

Izod, Notched (ft. - lb./in.) @ 73°F.	5.0 - 7.0
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HARDNESS

R113/119

COEFFICIENT OF STATIC FRICTION

Against self

Against steel

THERMAL

CONDUCTIVITY

(BTU/hr/sq. ft./Degree F./in.)

COEFF. OF THERMAL EXPANSION

(10 ⁻⁵ /Degree F.)	3.3 - 4.1
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SPECIFIC HEAT

(BTU/lb./Degree F.)

HEAT DEFLECTION TEMP.

(Degree F.)

At 66 psi.	200 - 279
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At 264 psi	185 - 265
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MAX. CONTINUOUS TEMP. (F.°)

122 - 221

ELECTRICAL

VOLUME RESISTIVITY

(Ohm/cm)

DIELECTRIC STRENGTH

(V/Mil)

400 - 630

DIELECTRIC CONSTANT

At 60 HZ

2.65 - 2.8

At 1 MHZ

3.7 - 3.9

DISSIPATION FACTOR

At 60 HZ

.0004 - .0007

At 1 MHZ

.0024

ARC RESISTANCE (seconds)



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