

DATA SHEET

PVC

PHYSICAL

SPECIFIC GRAVITY	1.3 - 1.58
WATER ABSORPTION, 24 hr. (%)	.04

MECHANICAL

TENSILE

Strength, Yield (10 ³ psi) @ 73°F.	7.8
Elongation, Ultimate (%) @ 73°F.	150
Modulus, Yield (10 ³ psi) @ 73°F.	506

FLEXURAL

Strength, (10 ³ psi) @ 73°F.	14.7
Modulus, Yield (10 ³ psi) @ 73°F.	518

COMPRESSIVE STRENGTH

2% Offset, (10 ³ psi)	11.1
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IMPACT STRENGTH

Izod, Notched (ft. - lb./in.) @ 73°F.	1.3
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HARDNESS

R113

COEFFICIENT OF STATIC FRICTION

Against self

Against steel

THERMAL

CONDUCTIVITY

(BTU/hr/sq. ft./Degree F./in.)	1.2
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COEFF. OF THERMAL EXPANSION

(10⁻⁵/Degree F.)

SPECIFIC HEAT

(BTU/lb./Degree F.)

HEAT DEFLECTION TEMP.

(Degree F.)

At 66 psi.	165
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At 264 psi	156
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MAX. CONTINUOUS TEMP. (F.°)

ELECTRICAL

VOLUME RESISTIVITY

(Ohm/cm)	2.3 X 10 ¹⁶
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DIELECTRIC STRENGTH

(V/Mil)	410
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DIELECTRIC CONSTANT

At 60 HZ	3.2 - 4
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At 1 MHZ	2.8 - 3.1
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DISSIPATION FACTOR

At 60 HZ	.007 - .02
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At 1 MHZ	.006 - .019
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ARC RESISTANCE (seconds)



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