

DATA SHEET

ENVEX

PHYSICAL

SPECIFIC GRAVITY	1.52
WATER ABSORPTION, 24 hr. (%)	

MECHANICAL

TENSILE

Strength, Yield (10 ³ psi) @ 73°F.	3.3
Elongation, Ultimate (%) @ 73°F.	1.7
Modulus, Yield (10 ³ psi) @ 73°F.	300

FLEXURAL

Strength, (10 ³ psi) @ 73°F.	7.5
Modulus, Yield (10 ³ psi) @ 73°F.	430

COMPRESSIVE STRENGTH

2% Offset, (10 ³ psi)	13.1
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IMPACT STRENGTH

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

M93

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.)

SPECIFIC HEAT

(BTU/lb./Degree F.)

HEAT DEFLECTION TEMP.

(Degree F.)

At 66 psi.
 550 |

At 264 psi

MAX. CONTINUOUS TEMP. (F.°)

ELECTRICAL

VOLUME RESISTIVITY

(Ohm/cm)

DIELECTRIC STRENGTH

(V/Mil)
 329 |

DIELECTRIC CONSTANT

At 60 HZ

At 1 MHZ

DISSIPATION FACTOR

At 60 HZ

At 1 MHZ

ARC RESISTANCE (seconds)



550 Mallory Way • Carson City, NV 89701

(775) 283-4400 • (800) 475-2214

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