

DATA SHEET

HYDLAR Z

**PHYSICAL**

SPECIFIC GRAVITY	1.16
WATER ABSORPTION, 24 hr. (%)	.8

**MECHANICAL**

TENSILE

Strength, Yield (10 <sup>3</sup> psi) @ 73°F.	20
Elongation, Ultimate (%) @ 73°F.	4
Modulus, Yield (10 <sup>3</sup> psi) @ 73°F.	1300

FLEXURAL

Strength, (10 <sup>3</sup> psi) @ 73°F.	23
Modulus, Yield (10 <sup>3</sup> psi) @ 73°F.	900

COMPRESSIVE STRENGTH

2% Offset, (10<sup>3</sup> psi)

IMPACT STRENGTH

Izod, Notched (ft. - lb./in.) @ 73°F.	2.7
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HARDNESS

COEFFICIENT OF STATIC FRICTION

Against self

Against steel

**THERMAL**

CONDUCTIVITY

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

COEFF. OF THERMAL EXPANSION

(10<sup>-5</sup>/Degree F.)

SPECIFIC HEAT

(BTU/lb./Degree F.)

HEAT DEFLECTION TEMP.

(Degree F.)

At 66 psi.

At 264 psi

470

MAX. CONTINUOUS TEMP. (F.°)

**ELECTRICAL**

VOLUME RESISTIVITY

(Ohm/cm)

DIELECTRIC STRENGTH

(V/Mil)

DIELECTRIC CONSTANT

At 60 HZ

At 1 MHZ

DISSIPATION FACTOR

At 60 HZ

At 1 MHZ

**ARC RESISTANCE (seconds)**



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