



Plastics Corporation

Acetal

Specific Gravity: 1.14

Shrinkage,in/in,1/8 in. thick: 0.0200

Shrinkage,in/in,1/4 in.thick: 0.0300

Water Absorption,% 24hrs: 0.220

MECHANICAL

Impact,Izod,Notched(Ft-Lb/In): 1.00

Impact,Izod,Unnotched(Ft-Lb/In): 20.00

Tensile Strength (Psi): 8,800

Tensile Elongation (%): 60.000

Tensile Modulus (Psi x E+6): 0.41

Flexual Strength (Psi): 13,000

Flexural Modulus (Psi x E+6): 0.38

Compressive Strength (Psi): 4,500

Hardness (Rockwell R): 107.0

ELECTRICAL

Dielectric Strength (V/Mil): 500

Dielectric Constant(@ 1 MC dry): 3.70

Dissipation Factor(@ 1 MC dry): 0.006

Arc Resistance (sec): 200

Volume Resistivity(ohm-cm)10E## : 14.0

THERMAL

Heat Deflection Temp 264 psi(F): 230

Heat Deflection Temp 66 psi(F): 316

Flammability: HB

Thermal Expansion (In/In/F)xE-5: 4.700

Thermal Conductivity: 1.7

WEAR

Wear Factor: NA

U L yellow card: NO

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