

Product : **MAXI-VENT / MINI-VENT**

Material of construction : Acrylonitrile Butadiene Styrene (ABS)

MECHANICAL

Property Typical Data Unit Method

Tensile Modulus c73 F, 2.0 in/mm 5500 psi ASTM D 638

Elongation at Break @73 F 45 % ASTM D 638

Modulus of Elasticity@73 F 240,000 psi ASTM D 790

Modulus of Elasticity@176 F 185,000 psi ASTM D 790

Compressive Strength 6150 psi ASTM D 695

Flexural Strength 13,000 psi ASTM D 790

IMPACT

Property Typical Data Unit Method

Izod Impact, notched, 8.5 ft-lb/in ASTM D 256

PHYSICAL

Property Typical Data Unit Method

Specific Gravity, solid 1.04 ASTM D 792

Water Absorption 24 hrs. 0.01 % ASTM D 570

THERMAL

Property Typical Data Unit Method

Coefficient of Linear Expansion 5.0×10^{-5} in/in/F ASTM D 696

Heat Deflection

Temp. @ 66psi load 200 F ASTM D 648

Heat Deflection

Temp. @ 264psi load 180 F ASTM D 648

Thermal Conductivity 1.31-2.32 Btu/in/ft²F/hr ASTM C 177