

## ABS/PVC Plastic

### Description:

This is a unique ABS/PVC product that meets many industry flammability standards. It combines very high impact strength with excellent ductility and formability.

### Typical Physical Properties:

Specification	Test Method	Typical Results
Specific Gravity	ASTM D792	1.18-1.25
Tensile Strength	ASTM D638	5,000 psi
Flexural Strength	ASTM D790	7,800 psi
Flexural Modulus	ASTM D790	280,000 psi
Impact Strength, Notched Izod @ 72°F @ -20°F	ASTM D256	8.0 ft-lb/in notch 1.8 ft-lb/in notch
Hardness, Rockwell R scale	ASTM D785	93
Heat Deflection Temp @ 264 psi (annealed)	ASTM D648	175°F
Coefficient of Thermal Expansion	ASTM D696	4.6-5.5 in/in/°F x 10 <sup>-5</sup>
Mold Shrinkage		0.005-0.007 in/in
Flammability	FMVSS 302 UL94 V-0 UL94 5VA UL94 RP-50	Pass Listed @ 0.085" Listed @ 0.085" Listed
Relative Thermal Index (RTI) <i>Electrical</i> <i>Mech. With Impact</i> <i>Mech. Without Impact</i>	UL 746	85°C 70°C 85°C

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