

ABS Plastic

Typical Physical Properties:

Physical Property	Test Method	Typical Results
Specific Gravity	ASTM D792	1.04 g/cm ³
Tensile Modulus	ASTM D638	310,000 psi
Tensile Strength	ASTM D638	6,000 psi
Flexural Modulus	ASTM D790	340,000 psi
Izod Impact @ 73°F @ -40°C	ASTM D256	7.5 ft-lbs/in 2.5 ft-lbs/in
Falling Dart Impact @ 73°F @ -40°C	ASTM D3029	33 ft-lbs 12 ft-lbs
Heat Deflection Temperature	ASTM D648	198°F
Hardness, Rockwell R	ASTM D785	105
Gardner Gloss	ASTM D523	90%
Flammability Rating	FMVSS 302 UL94 HB	Pass Pass

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