

MATERIAL SPECIFICATIONS

ABS, a common end-use engineering material that allows you to perform functional tests on sample parts.

UL Flammability Rating = HB

Density = 0.379 lb/in³

	English (psi)	Metric (MPa)
Tensile Strength	5,000	34.45
Tensile Modulus	360,000	2,480
Flexural Strength	9,500	65
Flexural Modulus	380,000	2,618

Elongation	>10%	
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	(ft*lb/in)	(J/m)
Impact Strength		
<i>Notched Izod</i>	2.00	107
<i>Unnotched Izod</i>	24.00	1,282

Hardness (Shore D)	78 (D)	
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Coefficient of Thermal Expansion

-40F to 180F: 5.60E-05 in/in/F

-40C to 82C : 10.1E-05 mm/mm/C