

About

ABS is a versatile and durable thermoplastic suitable for functional prototypes, concept models, and end-use parts. It offers good impact resistance and can handle moderate mechanical stress.

Applications

- Durable
- Heat resistant
- Functional prototyping
- Chemical resistant

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	VALUE
Maximum Build Size (X, Y, Z mm)	914 x 610 x 914 mm
Resolution	0.25 mm
Tensile strength (XY, XZ, ZX)	33 MPa / 4700 PSI
Elastic Modulus (MPa)	2400 MPa (XZ)
HDT (Heat Deflection Temp)	96°C / 204°F @ 0.45 MPa

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice. The performance characteristics of these materials may vary according to application, operating conditions, or end use. Each user is responsible for determining that the material is safe, lawful, and technically suitable for the intended application. Stratasys makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use, or warranty against patent infringement.

XZ = X or "on edge"
 XY = Y or "flat"
 ZX = Z or "upright"