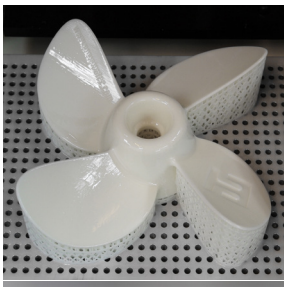
ABS Tough

Let us print your part![1]



EnvisionTEC's ABS Tough is an extreely tough ABS-like 3D printing material. ABS Tough is an ideal solution for a wide variety of applications including snap-fit items and assembly applications which require some elasticity. it is a tough material, suitable for high-quality prototypes of items in categories such as automotive and consumer goods as well as stable enough for production-quality end use parts. ABS Tough is ideal for any application which requires a material capable of holding high stress and force. It is also capable of very high build speeds, allowing for large models to be built in under a day without sacrificing its exceptional surface quality.

Material Properties[2]	
Description	Value
Heat Deflection Temperature	60°C at 1.82 MPa
Impact Izod	16.5 J/m
Tensile Strength	66 MPa
Tensile Modulus	4420 MPa
Elongation at Break	3.5%
Flexural Strength	93 MPa
Flexural Modulus	2520 MPa
Viscosity	365 cP at 25°C
Hardness, Shore D	86

Recommended 3D Printer Family[3]
Stretch Assembly 3SP Family

[1] Learn more at EnvisionTEC.com/printmypart
[2] All data provided is preliminary and must be verified by the individual user
[3] May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.