

## ABS Hi-Impact

Let us  
print your  
part!<sup>1</sup>



EnvisionTEC's ABS Hi-Impact Series is an extremely flexible ABS-like 3D printing material. It 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 Hi-Impact is ideal for any application which requires a material capable of holding high stress and force. It is also capable of very high speed builds, allowing for large models to be build in under a day without sacrificing its exceptional surface quality.

Material Properties <sup>2</sup>	
Description	Value
Tensile Strength	60 MPa
Tensile Modulus	2390 MPa
Elongation at Break	10.2%
Flexural Strength	81 MPa
Flexural Modulus	1720 MPa
Viscosity at 30°C	368 cP
Color(s)	Gray, Black

Recommended 3D Printer Family <sup>3</sup>
Perfactory, Micro, 3SP

<sup>1</sup> Learn more at [EnvisionTEC.com/printmypart](http://EnvisionTEC.com/printmypart)

<sup>2</sup> All data provided is preliminary and must be verified by the individual user

<sup>3</sup> May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.