

HTM 140 V2

Let us
print your
part!¹



EnvisionTEC's HTM 140 V2 high temperature molding material dramatically changes 3D printing capabilities for manufacturers and jewelers. With a HDT of 140°C right out of the machine, high definition parts printed in HTM 140 V2 can be directly vulcanized in rubber, eliminating the need for a metal master. It is designed to withstand both the heat and pressure of vulcanizing the model in rubber with incredible detail and no loss of dimensional stability.

It can also be used in a variety of applications that require thermal resistance such as items to be metallized or tested for high temperature gas and liquid applications. To add to its versatility, another use is for making tools for small run injection molding and can be painted for visual aids.

Material Properties ²	
Description	Value
Tensile Strength	56 MPa
Elongation at Break	3.5%
Flexural Strength	115 MPa
Flexural Modulus	3350 MPa
HDT (Heat Deflection Temperature)	140°C (284°F)
No heat treatment necessary	
Color(s)	Green

Recommended 3D Printer Family ³
Perfactory, Micro

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.