



Perfactory® Material

HTM140 High Temperature Mold Material

EnvisionTEC's new HTM140 High Temperature Mold Material dramatically changes 3D printing capabilities for manufacturers. With a heat deflection temperature of 140°C straight out of the machine, high definition parts printed in HTM140 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. It is easily paintable for visual aids.

Material Properties*	
Description	HTM140
Tensile Strength	56 MPa
Elongation at Break	3.5%
Flexural Strength	115 MPa
Flexural Modulus	3350 MPa
HDT (Heat Deflection Temperature) No heat treatment necessary	140°C (284°F)
Colors Available	Green

*All data provided is preliminary data and must be verified by the individual user.

Recommended Machines
Perfactory® 4 Standard with ERM, Perfactory® 4 Standard XL with ERM, Perfactory® 4 Mini XL with ERM, Perfactory® 4 Mini with ERM, Perfactory® 3 Mini Multi Lens

Applications
Aerospace, Animation and Entertainment, Architecture and Art, Automotive, Consumer Packaged Goods, Education, Electronics, Manufacturing, Sporting Goods, Toys



總代理

保利機械有限公司
Bolee Machine Tool Ltd.



香港葵涌大連排道21-33號宏達工業中心11樓11110室

Rm 1110, 11/F, Vanta Ind'l Centre, 21-33 Tai Lin Pai Rd., Kwai Chung, Hong Kong

東莞辦：東莞市鳳崗鎮雁田怡紅路怡安(東山)第三座東興樓310號地舖

廣州辦：廣州市天河區體育西路105號天文苑B2座2502室

URL: www.boleec.com.hk

電話：(852) 2421 8529

E-mail: boleec@boleec.com.hk

電話：(0769) 8777 3560

電話：(020) 3879 2166

傳真：(852) 2333 4330

傳真：(0769) 8751 0692

傳真：(020) 3879 2205