



# Micro Material

## LS600 M

EnvisionTEC's LS600 M is the latest breakthrough in extremely durable photopolymers for use in producing very accurate parts with high feature detail on EnvisionTEC's 3D printers. With added stability and surface quality, this material produces parts with high impact resistance similar to thermoplastics. Tough, complex parts can be built with a superb surface quality compared with competing technologies. LS600 M provides superb detail without sacrificing speed or durability and has the best overall mechanical stability over time. It provides considerable processing latitude and is ideal for markets that demand accurate RTV patterns, durable concept models, highly accurate parts, and humidity and temperature resistant parts.

Mechanical Properties*		
ASTM Method	Description	LS600
D638M	Tensile Modulus Tensile Strength at Break Elongation at Break	1,800 MPa 60 MPa 4.39%
D2240	Hardness (Shore D)	85
D256A	Izod Impact (Notched)	0.63 J/cm <sup>3</sup>
Thermal and Electrical Properties		
ASTM Method	Description	LS600
E1545-00	Glass Transition Temperature	61°C
D648	HDT @ 0.46 MPa HDT @ 1.81 MPa	57°C 48°C
Physical Properties		
Description	LS600	
Appearance	Opaque yellow-beige	
Viscosity	140 cP at 30°	
Density	1.10 g/cm <sup>3</sup>	

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

Recommended Machines
Perfactory® Micro EDU

Applications
MCAD



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

電話：(852) 2421 8529

E-mail：bolee@bolee.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

URL: [www.bolee.com.hk](http://www.bolee.com.hk)