LS600

Let us print your part![1]

EnvisionTEC LS600 resin is for the use of producing very accurate parts with high feature detail. 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 provides excellent detail without sacrificing speed or durability and has great 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.

Material Properties[2]		
ASTM Method	Description	
D638M	Tensile Modulus	1,800 MPa
D638M	Tensile Strength at Break	60 MPa
D638M	Elongation at Break	4.39%
D2240	Hardness Shore D	85
D256A	Izod Impact Notched	0.63 J/cm^3
E1545-00	Glass Transmission Temperature	61°C
D648	Heat Deflection Temperature @ 0.46 MPa	57°C
D648	Heat Deflection Temperature @ 1.81 MPa	48°C
	Viscosity	140 cP at 30°C
	Density	1.10 g/cm^3

Recommended 3D Printer Family[3]
Perfactory Family, Micro 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.