

激光快速成型3D模型光敏树脂

超高韧性 类ABS白色SLA树脂

High toughness white SLA resin
similar to ABS

产品/Product		联泰9000
物理性质/Physical properties		
密度/Density	g/cm3	1.13
粘度@28°C/Viscosity@28°C	cP	355
粘度@30°C/Viscosity@30°C	cP	320
固化深度/Depth of Cure	mm	0.14
临界曝光量/Critical exposure amount	mJ/cm2	9.3
建造层厚/Construction thickness	mm	0.1
后固化方法/Post curing method		90分钟UV固化/90 minutes UV post cure
固化后材料性能/Post Cured Material		
硬度/Hardness	shoreD	86
弯曲模量/Flexural modulus	Mpa	2,692-2,775
弯曲强度/Flexural strength	Mpa	69- 74
拉伸模量/Tensile modulus	Mpa	2,589-2,695
拉伸强度/Tensile strength	Mpa	38-56
断裂伸长率/Elongation at break	%	12-20
缺口冲击强度/Impact strength, notched Izod	J/m	48-55
热变形温度/Heat deflection temperature	°C	52
玻璃化转变温度/Glass transition	°C	62
树脂特点		做件刚性较好，锐角极好，底部收缩极小，表面细节极佳，白色极其质感，做件速度尚可，韧性极好
Resin Features		Rigidly do better, acute excellent, bottom minimal shrinkage, excellent surface detail, extremely white texture, do pieces of speed is acceptable, excellent toughness
适合的行业及应用		耐久性好，细节要求高的行业，韧性极好可加工及打螺丝和刚性好，非常适合于手板行业，做汽车部件，玩具，工艺品等，适合批量生产消费品及电子产品
For industries and applications		Durability, demanding details of the industry, excellent toughness and machinability hit the screw and good rigidity, very suitable for palm industry, making car parts, toys, crafts, suitable for mass production of consumer goods and electronic products
和GP-plus树脂对比的优点		锐角好，底部收缩小，粘度适中，尺寸稳定性好，韧性极好，表面更光洁
And advantages of the GP-plus resin contrast		Good acute angle, the bottom shrinkage, moderate viscosity, good dimensional stability, excellent toughness, surface is smooth
和GP-plus树脂对比的缺点		做件速度稍慢一点，300mw功率单层扫描可做到6000-8000mm/s左右
And disadvantages of GP-plus resin contrast		Do a little slower speed parts, 300mw power single scan can be done 6000-8000mm / s or so