

**RoHS
Compliant**

Description

The printed model has high resistance to facturte and easy to process. It has certain ductility that can bear shock and vibration , the model is delicate and beautiful

Feature

- Suitable for most printers in the market
- Based material comes from plant extract PLA
- Lower smell and irritancy than orther resin
- Good toughness, Good impact restance
- Low Viscosity
- Hydrophobic, the surface of printed models is easy to dry
- High Precision, Smooth Surface
- Wide Variety of Colours

Item	Data	Standard
Tensile Strength MPa	35-50	ASTM-D638
Tensile Modulus MPa	307.57	
Elongation at Break %	20-50	
Flexural Strength MPa	40-60	ASTM-D790
Flexural Modulus MPa	600-800	ASTM-D790
IZOD Impact Strength (J/m)	15-32	ASTM-D256
Hardness (Share D)	75-80	ASTM-D2240

Setting Data

Layer Thickness: 0.025-0.1mm, Bottom Exposure Time : 30-50s, Normal Exposure Time: 6-10s;

The up-down distance is larger than 4mm, the rising speed is 50-200;

The Exposure time is positive corrclation with layer thickness. The layer thickness correspondong to exposure time is 0.05mm;

The Exposure time of 0.1mm layer thickness is 12-20 seconds, while 0.025mm layer thickness is 5-6 seconds.

Part Number Table

Description	Part Number
LCD PLA Resin, Grey, 500g	MP004394
LCD PLA Resin, Clear, 500g	MP004395
LCD PLA Resin, White, 500g	MP004396
LCD PLA Resin, Black, 500g	MP004397
LCD PLA Resin, Red, 500g	MP004398

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