

ABS-Like OdorLite Resin

ABS-Like OdorLite Resin can resist 19J/m impact and 180-degree bending without cracking. The vacuum deodorization process reduces 90% odor , which significantly improve working environment.



MATERIAL STATUS

Characteristics	Toughness
	Impact resistance
	Low smell
Applications	Miniature model
	Prototype design
Appearance	Multiple Colors
Form	Resin
Processing method	(surface exposure molding)LCD
	(surface exposure molding)DLP



PHYSICAL PROPERTIES	Testing method	Typical value
Density	ASTM D792	1.05-1.25 g/cm ³
Viscosity	ASTM D445	300-600 mPa • s
Hardness	ASTM D2240	80-84 ShoreD

MECHANICAL PROPERTIES		
Tensile Strength	ASTMD638	47.3 MPa
Elongation at Break	ASTMD638	8.99 %
Flexural Strength	ASTMD790	64 MPa
Izod Notch Impact Strength	ASTMD638	20 J/m
Thermal Deformation Temperature@0.45MPa	ASTMD648	63.75 °C

*The above parameters are for reference only. The performance of cured materials will be affected by factors such as equipment, environment, parameter settings, post-processing methods, and testing methods, which will cause great differences. Please contact us if necessary

PRINT PARAMETERS						
Representative Machine	Exposure Time/s	Bottom Exposure Time/s	Bottom Layer Count	Lift Distance/mm	Lift Speed /mm • min ⁻¹	Retract Speed /mm • min ⁻¹
ELEGOO Saturn 3U	2.5	25	5	7	90	240
ELEGOO Saturn 4U 12K	2.5	25	5	/	/	/
ANYCUBIC Photon Mono M7	2.5	25	5	8	120	240
ANYCUBIC Photon Mono M7P	2.5	25	5	8	120	240
ANYCUBIC Photon Mono M7M	2.5	25	5	8	120	240
AnyCubic Mono 4Ultra	2	20	5	6	120	240
NOVA3D Whale 4	2	25	5	8	120	240
UniFormation GK 3	2	25	5	7	100	360
CREALITY HALOT MAGE Pro	1.2	30	5	8	240	/
CREALITY HALOT MAGE S	2.5	25	5	8	240	/
PHROZEN Sonic Mighty 14K	2.5	25	5	8	60	150
PHROZEN Sonic Mighty 8K	2.5	25	5	8	60	150
PHROZEN Sonic Mighty 8KS	2.5	20	5	8	40	180



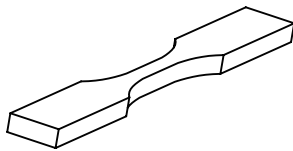
POST-CURING TREATMENT

Use a 36W 405nm UV curing chamber for 5-10 minutes as standard practice. For performance testing, cure mechanical test specimens on both sides separately (30 minutes per side) to ensure performance stability.

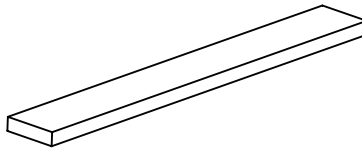
MATTERS NEEDING ATTENTION

1. Shake well before use, wear gloves and mask when using.
2. It is recommended to seal and store at an ambient temperature of 20-35°C to avoid direct sunlight.
3. This product can not be consumed, pay attention to keep away from children and pregnant women.
4. The printed model needs to be cleaned with 95% alcohol (except for the water-washable resin) to make the surface of the model non-sticky.

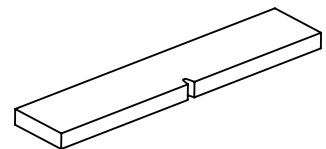
MECHANICAL PROPERTIES



Tensile testing specimen ASTM D638



Flexural testing specimen ASTM D790



IZOD Impact Strength ASTM D638

NOTICE

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