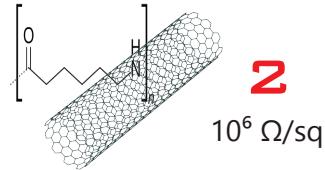


LCD/DLP Resin    

Nylon-Like ESD



Recommended Print parameters

The resin can be kept in the tank for several weeks (if UV protected), because it has excellent stability. For bottle return, use a filter $\geq 1500 \mu\text{m}$. You can download on our web site the stl model which you can print in PLA or with ABS-Like resin.

ex. 5 mw/cm^2 / Layers: 0.1 mm / 3,2s

ex. LCD Monochrome / Layers : 0.05 mm / Light-off Delay: 1s/4s

Anycubic MONO X (Light PWM 90%) – Exposure time: bottom x6 / 50s – nominal 4s

Phrozen Sonic Mighty 4K/8K – Exposure time: bottom x6 / 60s – nominal 6s

Recommended Post-cure:

Isopropyl alcohol

>20 min. in UV light

TECHNICAL DATA SHEET		
	Cure >20 min.	Standards
After a first use, we recommend 6 months of use		
Color	Black	
Wavelength (nm)	395-405	
Density (g/cm ³)	1.15	
Flexure strength (MPa)	33	ISO 178
Flexure modulus (MPa)	1050	ISO 178
Tensile strength (MPa)	36	ASTDM D638
Tensile modulus (MPa)	1300	ASTDM D638
Strain at break (%)	13	ASTDM D638
Hardness (Shore D)	74	/
Heat Deflection Temp. (°C)	60	ISO 180
Surface resistivity (Ω/sq)	$1.17\text{E}+06 - 10^6$	ASTDM D257
Volume resistivity (Ω·cm)	$1.33\text{E}+06 - 10^6$	ASTDM D4496



SAFETY – WARNING

H302.Harmful if swallowed – H315.Causes skin irritation – H317.May cause an allergic skin reaction – H319.Causes serious eye irritation – H411.Toxic to aquatic life with long lasting effects – P261.Avoid breathing dust/fume/gas/mist/vapours/spray – P264. Wash arms, hands and face thoroughly after handling – P272.Contaminated work clothing should not be allowed out of the workplace – P273.Avoid release to the environment – P280.Wear protective gloves/protective clothing/eye protection/face protection – P305&P351&P338 IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing – P302&352 IF ON SKIN: Wash with soap and water – P310.Immediately call a POISON CENTER or doctor/physician P501.Dispose of contents and container in accordance with all local, regional, national and International regulations