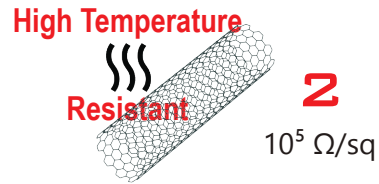


LCD/DLP Resin   

# HT-160C 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.  $5 \text{ mw/cm}^2$  / Layers: 0.1 mm / 4,2s

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

Anycubic MONO X (Light PWM 90%) – Exposure time: bottom x6 / 50s – nominal 5.6s

Phrozen Sonic Mighty 4K/8K – Exposure time: bottom x6 / 70s – nominal 8s

## Recommended Post-cure:

Isopropyl alcohol

>30 min. in UV light

TECHNICAL DATA SHEET		
	Cure >30 min.	Standards
After a first use, we recommend 6 months of use		
Color	Dark Grey	
Wavelength (nm)	395-405	
Density (g/cm <sup>3</sup> )	1.17	
Flexure strength (MPa)	55	ISO 178
Flexure modulus (MPa)	1850	ISO 178
Tensile strength (MPa)	45	ASTDM D638
Tensile modulus (MPa)	2200	ASTDM D638
Strain at break (%)	2.5	ASTDM D638
Hardness (Shore D)	81	/
Heat Deflection Temp. (°C)	160	ISO 180
Surface resistivity (Ω/sq)	$2.25\text{E}+05 - 10^5$	ASTDM D257
Volume resistivity (Ω·cm)	$1.56\text{E}+05 - 10^5$	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