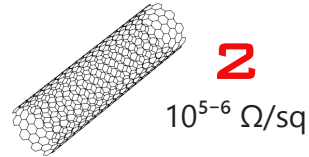


LCD/DLP Resin  

ABS-Like ESD



ABS-Like ESD from POC Lab. is an advanced ESD-Safe composite resin loaded with single-walled carbon nanotubes formulated for a wide array of applications that require electrostatic discharge protection

It can be used for engineering, robust and durable high precision parts



Compatible with virtually all LCD/DLP printers on the market

Recommended Print parameters: *e.g. LCD Monochrome*

Print Thickness : 0.025-0.05 mm

Bottom Layer Count: 4

Bottom Exposure Time : 75 s

Normal Exposure Time : 2 to 4 s

Light-off Delay: /

Recommended Post-cure:

Isopropyl alcohol

>45 min. In UV light

TECHNICAL DATA SHEET		
	Cure >45 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)	91	ISO 178
Flexure modulus (MPa)	2810	ISO 178
Tensile strength (MPa)	63	ASTDM D638
Tensile modulus (MPa)	2705	ASTDM D638
Surface resistivity (Ω/sq) 4.69E+05	10 ⁵	ASTDM D257
Volume resistivity (Ω·cm) 1.70E+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