

PC film	
Introduction	PP film is a halogen-free, heavy metal-free, phosphate-free, truly green and environmentally friendly flame retardant polycarbonate film, which meets the requirements of European environmental regulations such as ROHS, TCO & Blue Angel, and the strict UL safety specifications, and its environmentally friendly characteristics make it easy to recycle and reuse. Compared with traditional flame retardant PC, its mechanical properties are more superior, better appearance quality, more stable and consistent color.
Application	1.For printing panels, signs, etc. with flame-retardant requirements 2.For IMD applications with flame retardant requirements 3.Laminating insulation and masking for power supplies, TVs/monitors, business machines, etc 4.For use where internal components need to be concealed or to achieve a specific design aesthetic 5.Battery core application: The battery core is mainly used for the positive and negative electrode top patches of the battery core. 6.CCS application: CCS blister bracket and CCS die-cut bracket In the new energy PACK package cover plate, package bending cover plate
Property	
<div> <div>Product Code</div> <div>Technical Parameters</div> </div>	P97000B
color	Black
Surface texture	Matte/matte
Total Thickness [mm]	0.050~0.250
Elongation At Break[%]	90
Tensile Strength[Mpa]	55
Impact strength @ 10mils[In-lbs]	120
VST 120 °C/hr, 10N load [°C]	151
Surface adhesion [Dynes/cm]	≥40
density [g/cm ³]	1.21
Dielectric Strength (@ 10mils) [V/mil]	1,700
volume resistivity [Ω • cm]	10 ¹⁶
Surface insulation resistance [Ω]	10 ¹⁵
Flame retardant grade	VTM-0
Storage and shelf life	It is recommended to store in a clean and dry place, away from direct sunlight to prevent damage to the packaging, and to avoid storing with volatile solvents. Store at 25±5° C and humidity at 50±5%.