



Chennai PolyPlast

ESD / ANTISTATIC PLASTIC SHEETS AND RODS

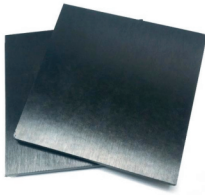


Product Catalogue

ESD Material Plastics Sheets, Rods, Tubes and
Machining Parts



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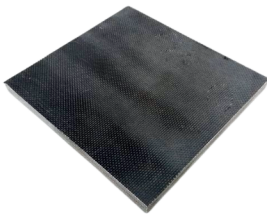


ESD / Antistatic Bakelite

ESD/Antistatic Bakelite Sheet is a kind of antistatic materials which is added anti-static agents in the production of Bakelite sheet, and effect Bakelite to achieve the best antistatic performance.

ESD / Antistatic G10 / FR4 Sheet

ESD Antistatic G10/FR-4 is a durable epoxy glass laminate with antistatic properties. It offers high strength, heat resistance, and reliability. Ensures consistent static control across applications

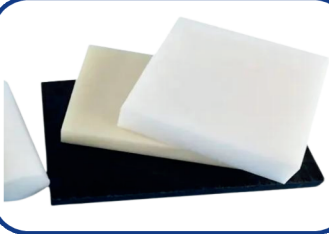
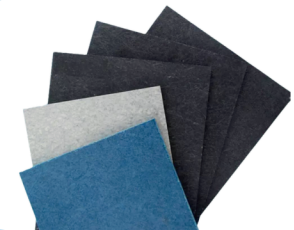


ESD /Antistatic Ricocel Sheet

RICOCEL is the industry-leader in Antistatic (ESD) Solder Pallet materials with excellent heat resistance, stable antistatic properties, machinability, durability and flux resistance.

ESD/Antistatic Durostone sheet

Antistatic Durostone is a fiberglass composite with high mechanical strength and stable anti-static properties. It withstands continuous high temperatures up to 280°C while maintaining shape and finish. Ideal for ROHS production lines operating under heat.



ESD /Antistatic POM Sheet & Rod

ESD Static Dissipative Acetal (POM) offers stable and uniform anti-static performance. With a resistivity of 10^6 - 10^9 Ω , it ensures reliable static control. Widely used in jigs, fixtures, and electronic components.

ESD /Antistatic PA6 Nylon Sheet & Rod

ESD Static Dissipative PA6 Nylon provides stable anti-static performance (10^6 - 10^9 Ω). It retains its properties even after machining or grinding. Protects sensitive components from electrostatic damage.

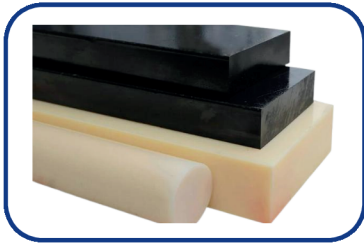


ESD /Antistatic PTFE Sheet & Rod

ESD PTFE sheet is made from high-quality PTFE with anti-static and wear-resistant fillers. It offers excellent chemical resistance and high-temperature performance. Ideal for applications requiring reliable static control.



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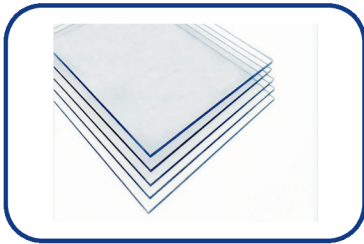
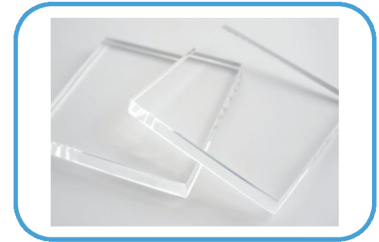


ESD /Antistatic ABS Sheet & Rod

ESD ABS is a durable antistatic material with stable performance (10^6 – $10^9 \Omega$). It retains properties after machining and works from -20°C to 100°C . Ideal for precision parts and automatic lathe applications.

ESD /Antistatic Acrylic Sheet

Anti-static acrylic (ESD acrylic) features a permanent coating that prevents charge buildup. It is unaffected by humidity and offers strong chemical and abrasion resistance. Suitable for fabrication into various shapes and sizes.

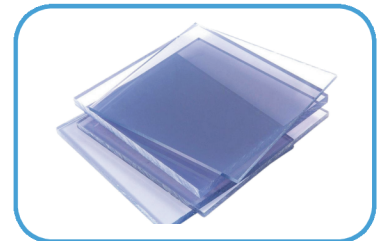


ESD /Antistatic PC Sheet

ESD Polycarbonate (PC) sheets feature a coated antistatic layer (10^6 – $10^9 \Omega$). They prevent charge buildup, particle attraction, and ESD events. Ideal for high-tech and cleanroom applications.

ESD /Antistatic PVC Sheet

ESD PVC sheets combine anti-static performance (10^6 – $10^9 \Omega$) with PVC's durability. They offer corrosion resistance, flame retardancy, and good transparency. Provide long-lasting static control for industrial applications.

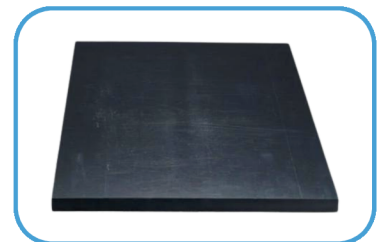


ESD /Antistatic PEEK Sheet & Rod

ESD PEEK is a high-strength, nano carbon fiber–reinforced antistatic material (10^6 – $10^9 \Omega$). It offers excellent chemical resistance, dielectric properties, and durability. Performs at high temperatures up to 250 – 260°C with radiation resistance.

ESD /Antistatic PEI Sheet & Rod

Antistatic PEI (Ultem) is an antistatic material modified with PEI as the base material. It not only keeps the good mechanical properties, heat resistance and creep resistance of PEI, but also increases the antistatic effect in high temperature environment. The antistatic value is 10^6 – 10^9 .



Industries we serve:

Semiconductor | Automotive | Aerospace | Defense | Chemical | Logistic | Printing | Electronics Manufacturing (EMS & PCB Assembly) | Data Centers & Server Infrastructure | Cleanroom & Controlled Environments | Pharmaceutical & Biotech | Packaging (ESD-safe packaging solutions) | Battery & EV Manufacturing | Solar / Renewable Energy (PV cell production) | Telecommunications Equipment Manufacturing | Instrumentation & Testing Equipment | Robotics & Automation Systems, etc.



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WHY CHOOSE US?

Chennai Polyplast is a trusted importer and stockist of ESD and Antistatic engineering plastics, backed by over 25 years of industry experience. Based in Chennai, we ensure ready stock availability, fast delivery, and reliable material support for static-sensitive industrial applications.

With deep expertise in electrostatic control materials and a strong inventory network, we enable smooth, delay-free procurement while maintaining precision and quality. Our commitment to responsiveness and consistency helps industries protect sensitive components and operate efficiently.

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