

Laminated Car ESD Partition

◆ Product Description

The ESD PP hollow partition board for layered storage carts is a functional accessory designed specifically for layered storage carts. Made of polypropylene (PP) material through a special extrusion process, it features a unique hollow structure and stable anti-static performance.



- Anti-static Protection
- Lightweight and High-strength
- Moisture-proof and Corrosion-resistant
- Environmentally Friendly and Recyclable
- Multi-functional and Customizable

◆ Product Structure

- The antistatic PP hollow partition for multi-layer carts is manufactured via an integrated extrusion molding process. Its surface layer is made of PP resin, featuring smoothness, wear resistance, dustproof and moisture-proof properties. The internal supporting ribs are integrally fused with the surface layer, achieving a balance between lightweight design and high load-bearing capacity. A permanent antistatic agent is uniformly dispersed throughout the entire structure to form an electrical conduction network, ensuring stable antistatic performance.

◆ Typical Applications

- The antistatic PP hollow partition for multi-layer carts is widely applicable to industries such as electronic manufacturing, automotive electronics, semiconductors, medical equipment, and optical manufacturing. Endowed with properties including permanent antistatic performance, moisture and corrosion resistance, cleanliness without dust adsorption, environmental friendliness, and non-toxicity as well as scratch-resistant edges, it comprehensively protects various precision electronic components and high-value products from damage during storage and turnover in multi-layer carts. This product accurately meets the stringent requirements for cleanliness, protection, and green production across different industries.

◆ Typical Product Data and Physical Properties

Material: Antistatic PP
 Color: Black
 Antistatic Performance: $10E6 - 10E9 \Omega$
 Tensile Strength: $\geq 27 \text{ MPa}$
 Flexural Strength: 25 - 45 MPa
 Impact Strength: $\geq 15 \text{ kJ/m}^2$
 Temperature Resistance Range: -20°C to 80°C

Availability:

Item#	Size	Weight
1.2.15.02.0108	L700*W500*T5MM	0.85kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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