

PRODUCT OVERVIEW

A permanent static-dissipative polypropylene compound for electronics handling, industrial packaging and ESD-control components.

Base / family	Conductive and Static-Dissipative Compounds	Primary process	Injection / extrusion
Supply form	Pellets	Standard colour	Black / selected colours

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Surface resistance, conditioned plaque	IEC 61340-2-3	$1 \times 10^6 - 1 \times 10^9$	Ω
Static decay, 1,000 V to 100 V	IEC 61340-2-1	≤ 2	s
Melt flow rate, 230°C/2.16 kg	ISO 1133-1	8	g/10 min
Density, 23°C	ISO 1183-1	1.00	g/cm ³
Tensile stress at yield, 23°C	ISO 527-2	26	MPa
Flexural modulus, 23°C	ISO 178	1,500	MPa
Notched Charpy impact, 23°C	ISO 179-1/1eA	6	kJ/m ²

Unless otherwise stated, standard specimen preparation and conditioning apply. Typical values are representative and are not minimum specification limits.

APPLICATIONS - Electronics handling trays - ESD bins and housings - Industrial packaging	KEY BENEFITS - Permanent ESD performance - Low humidity sensitivity - Selected colour options
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PROCESSING GUIDELINES

Injection moulding or extrusion. Recommended melt temperature: 210-250°C; mould temperature: 30-60°C. Avoid excessive shear, incompatible colourants and uncontrolled regrind that may disturb the dissipative network.

Technical note: Electrical resistance is measured on conditioned test plaques and can vary with thickness, colour, processing and surface condition.

PACKAGING AND STORAGE 25 kg moisture-resistant bags on pallets. Store dry, below 40°C, away from sunlight and direct heat. Recommended shelf life: 12 months in unopened packaging.	REGULATORY DOCUMENTATION Current safety and grade-specific regulatory documentation is available through Technical Service for the intended application and market.
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The information in this document is provided for material selection and processing guidance. Suitability for a specific design, process and end use should be confirmed by the user under actual service conditions.