

Permanently static-dissipative ABS for component trays and enclosures that protect sensitive electronics through handling and transit.

Typical properties

Property	Typical value	Test method
Surface resistivity	10■ – 10■ Ω/sq	ASTM D257
Static decay (5 kV to 50 V)	< 2 s	FTMS 101C M4046
Specific gravity	1.06 g/cm ³	ASTM D792
Tensile strength @ yield	38 MPa	ASTM D638
Notched Izod @ 23 °C	300 J/m	ASTM D256
Flexural modulus	1900 MPa	ASTM D790
HDT @ 1.8 MPa	90 °C	ASTM D648

Key features

- ✓ Permanent static dissipation — not coating-based
- ✓ Humidity-independent performance
- ✓ Tough ABS base for repeated handling
- ✓ Thermoforms with standard tooling
- ✓ Conductive (10■–10■ Ω) versions on request

Typical applications

ESD component & PCB handling trays · Electronics work-in-progress dunnage · Equipment enclosures near sensitive electronics · Cleanroom carriers & kitting trays

Supply range

Thickness: 0.5 – 6 mm · **Width:** up to 2000 mm · Sheets, rolls or cut-to-size · Colour-matched to Pantone / RAL · Textured or gloss finishes

Values shown are typical of the grade and are provided for guidance only — they are not specifications. Properties vary with gauge, colour and processing. Please confirm final values against your application at DFM review; COA / MTC supplied with production.