

ECP 2200

Polypropylene

TBA Electro Conductive Products Ltd.

Message:

The new ECP 2000 series of static dissipative polymers have been formulated specifically for clean room environments where low offgassing, low particulate, contamination and washability are required. The compounds can be coloured.

The materials are permanently conductive and can be processed on conventional equipment. The products are humidity independent, aqueous washable and can be re-used.

Applications that are ideally suited for the compounds and in use commercially at customer sites include: packaging for electronic components, medical device packaging, in-process carriers, fixturing devices, chip rails, vacuum tubing and business machine components.

Because of their flexibility, the thermoplastic polyurethane (TPU) based alloys are also useful as softwall cleanroom materials, flexible packaging, hose and tubing, floor and table mats and other flexible cleanroom applications.

General Information	
Features	Conductive
	Good Colorability
	Good Flexibility
	Humidity Independent
Uses	Business Equipment
	Medical Packaging
	Packaging
	Tubing
Appearance	Opaque
Processing Method	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit
Density	0.930	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min
Mechanical	Nominal Value	Unit
Tensile Modulus	1610	MPa
Tensile Stress	28.0	MPa
Flexural Modulus	1400	MPa
Electrical	Nominal Value	Unit
Surface Resistivity	1.0E+11	ohms

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