

# ECP 21140

Thermoplastic Polyurethane Elastomer (Polyester)

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	Translucent	
Mechanical	Nominal Value	Unit
Tensile Stress	32.0	MPa
Elastomers	Nominal Value	Unit
Tear Strength	0.068	kN/m
Electrical	Nominal Value	Unit
Surface Resistivity	1.0E+11	ohms

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