



# TYPICAL PROPERTIES & SPECIFICATIONS SHEET

conductive containers, inc.

**DESCRIPTION:** Polycarbonate ESD Protection

**APPLICATION:** Thermoforming  
High Temperature Application

**CCI PART NUMBER: CCI HT STAT**

PROPERTY	VALUE (U.S.)	TEST METHOD
Volume Resistivity	10 <sup>2</sup> -10 <sup>5</sup> Ohms/cm	ASTM D-257
Surface Resistivity	10 <sup>3</sup> -10 <sup>7</sup> Ohms/sq	ASTM D-257
Static Decay Rate	< 0.5 Sec	FTMS 101-C 4046.1
Melt Temperature	550-600 °F	-----
Drying	4 hours @ 250 °F	-----
Moisture Content	0.02%	-----
Dew Point	-20 °F	-----
Specific Gravity	1.23	ASTM D-792
Tensile Modulus	0.34 x 10 <sup>6</sup> psi	ASTM D-638
Tensile Strength (Yield)	8,200 psi	ASTM D-638
Tensile Elongation (Break)	> 10%	ASTM D-638
Flexural Strength	14,000 psi	ASTM D-790
Flexural Modulus	0.39 x 10 <sup>6</sup> psi	ASTM D-790
Heat Deflection Temp @ 264 psi	265 °F	ASTM D-648
Izod Notched Impact	2.5 ft lbs/in	ASTM D-256

## CHARACTERISTICS:

- Desiccant type dryer required
- Data herein is typical
- Pigments can affect properties

All values are for pre-formed materials. Electrical values will vary with each individual design.

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