



HT STAT

HIGH TEMPERATURE POLYCARBONATE
ESD-SAFE THERMOFORMABLE PLASTIC

CCI can custom manufacture a “High Temp” tray specific to your products criteria for thermocycling. Unlike typical metal sheet trays where product is not separated and placed on the surface next to each other, a custom HT STAT trays can be designed to hold your product in place and eliminate the opportunity for the parts to be physically damaged during the bake process.

Continuous operating temperatures is 265 degrees (with 264 PSI) or higher if less PSI applied. Many companies use it for intermittent use at a much higher temperature.

GIVE US YOUR HIGH-TEMP HANDLING PROBLEM

- ESD-safe high temp material stocked by CCI
- Custom designs - any volume
- Thermocycle boards in an ESD safe tray

Contact your CCI sales representative to learn more about our HT STAT capabilities.

IDEA BOX



CONDUCTIVE CONTAINERS INC.

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HT STAT

TYPICAL PROPERTIES & SPECIFICATIONS SHEET

CCI PART NUMBER: CCI HT STAT

DESCRIPTION: Polycarbonate ESD Protection

APPLICATION: Thermoforming High Temperature Application

PROPERTY	VALUE	TEST METHOD
Volume Resistivity	10^2 - 10^5 Ohms/cm	ASTM D-257
Surface Resistivity	10^3 - 10^7 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	0.34×10^6 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	0.39×10^6 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

- Data herein is typical

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

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