



TYPICAL PROPERTIES & SPECIFICATIONS SHEET

conductive containers, inc.

DESCRIPTION: Inherently Static Dissipative PETG

APPLICATION: Thermoforming
Long Term Use

CCI PART NUMBER: CCI 680 PETG

PROPERTY	VALUE (U.S.)	TEST METHOD
Volume Resistance	$\leq 10^9$	ANSI/ESD STM11.12-2021
Surface Resistance	$\leq 10^9$	ANSI/ESD STM11.11-2022
Static Decay Rate (12% RH MD)	0.10 Sec	FTMS 101-C
Host Polymer	PETG	-----
Filler	IDP Alloy	-----
Color	Light Blue	Visual
Specific Gravity	1.25 g/cc	ASTM D-792
Tensile Modulus	160,000 psi	ASTM D-638
Tensile Strength (Break)	4,100 psi	ASTM D-638
Tensile Elongation (Break)	350%	ASTM D-638
Flexural Modulus	180,000 psi	ASTM D-790-92
Heat Deflection Temp @ 66 psi	140 °F	ASTM D-648
Heat Deflection Temp @ 264 psi	131 °F	ASTM D-648

CHARACTERISTICS:

- Inherently Static Dissipative
- Humidity insensitive
- Ultra-clean: low off-gassing and low ionic contamination
- Colorable and durable
- IPA Cleanable

APPLICATIONS:

- Medical device packaging
- Electronic component handling
- Hard disk packaging

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

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