

Description: Black ESD-Safe High-Temp Polycarbonate |
Application: Thermoforming High-Temp Application

PROPERTY	VALUE (STANDARD)	VALUE (METRIC)	TEST METHOD
Color	Black		Visual
Volume Resistivity	10 ² -10 ⁵ Ohms/sq		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	287.7 - 315.5 °C	-
Drying	4 hours @ 250 °F	4 hours @ 121.11 °C	-
Moisture Content	0.02%		-
Dew Point	-20 °F	-28.8 °C	-
Specific Gravity	10.26 lbs/gal	1.23	ASTM D-792
Tensile Modulus	0.34 x 10 ⁶ psi	2344217 KPa	ASTM D-638
Tensile Strength (Yield)	8,200 psi	56537 KPa	ASTM D-638
Tensile Elongation (Break)	> 10%		ASTM D-638
Flexural Strength	14,000 psi	96526 KPa	ASTM D-790
Flexural Modulus	0.39 x 10 ⁶ psi	2688955 KPa	ASTM D-790
Heat Deflection Temp @ 264 psi	265 °F	129.4 °C	ASTM D-648
Izod Notched Impact	2.5 ft lbs/in	3.39 Nm	ASTM D-256