

Conductive (Black) Polycarbonate Data Sheet (CPC)

The following table outlines the typical values for conductive black polycarbonate product(s) produced at Accu Tech Plastics, Inc.

Property		Typical Value	Unit	Test Method
Physical:	Specific Gravity	1.27	g/cm ³	ISO 1183
	Mold Shrinkage	0.5 - 0.8	%	ISO 294
Tensile:	Tensile Strength @ Break	61	MPa	ISO 527
	Tensile Elongation @ Break	7 - 9	%	ISO 527
Flexural:	Flexural Strength	100	MPa	ISO 178
	Flexural Modulus	3000	MPa	ISO 178
Impact:	Notched Izod	171	J/m	ISO 840
Electrical:	Volume Resistivity	10 ³ – 10 ⁵	Ohm/cm	IEC 60093
	Surface Resistivity	10 ⁴ – 10 ⁸	Ohm/sq	IEC 60093

These values are typical in nature and are not intended for specification purposes.

Drying Conditions: ATP recommends that CPC be dried for a minimum of 4 hours at 79°C (175°F).

Storage Life: At least one year when stored at less than 60°C (140°F), and sealed in the original packaging.

See Accu Tech Plastics, Inc. Terms & Conditions.