

Polycarbonate Data Sheet (PC)

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

Property		Typical Value	Unit	Test Method
Physical:	Specific Gravity	1.20	g/cm ³	ISO 1183
	Mold Shrinkage	0.6 - 0.8	%	ISO 294
	Melt Flow Rate	6.5	g/10min	ISO 1133
Tensile:	Tensile Strength @ Yield	65	MPa	ISO 527
	Tensile Strength @ Break	70	MPa	ISO 527
	Tensile Elongation @ Yield	6.3	%	ISO 527
	Tensile Elongation @ Break	115	%	ISO 527
Flexural:	Flexural Strength	98	MPa	ISO 178
	Flexural Modulus	2300	MPa	ISO 178
Impact:	Notched Izod	907	J/m	ISO 840
Thermal:	Heat Distortion	141	°C	ISO 75
Electrical:	Volume Resistivity	10 ¹³	Ohm/cm	IEC 60093
	Surface Resistivity	10 ¹⁵	Ohm/sq	IEC 60093

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

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.