

PC/ABS CB3110PG

(PC+ABS)

Wellman Advanced Materials

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	13	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	47	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	38	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Flexural strength	72	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	30	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	95	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
Vicat softening temperature, B	115	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ISO 1183

Characteristics**Regional Availability**

North America, Asia Pacific