

**PC/ABS CB4110H**

(PC+ABS)

Wellman Advanced Materials

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>25</b>	g/10min	ISO 1133
Temperature	<b>260</b>	°C	-
Load	<b>5</b>	kg	-
Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2350</b>	MPa	ISO 527
Yield stress	<b>49</b>	MPa	ISO 527
Yield strain	<b>5</b>	%	ISO 527
Stress at break	<b>41</b>	MPa	ISO 527
Strain at break	<b>30</b>	%	ISO 527
Flexural modulus, 23°C	<b>2350</b>	MPa	ISO 178
Flexural strength	<b>78</b>	MPa	ISO 178

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>90</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>105</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>108</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>100</b>	E-6/K	ISO 11359-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1080</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

North America, Asia Pacific