

**PC/ABS CB1230PG**

(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>13</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>2100</b>  | MPa               | ISO 527              |
| Yield stress                          | <b>47</b>    | MPa               | ISO 527              |
| Yield strain                          | <b>4</b>     | %                 | ISO 527              |
| Stress at break                       | <b>38</b>    | MPa               | ISO 527              |
| Strain at break                       | <b>20</b>    | %                 | ISO 527              |
| Flexural modulus, 23°C                | <b>2000</b>  | MPa               | ISO 178              |
| Flexural strength                     | <b>72</b>    | MPa               | ISO 178              |
| Charpy impact strength, +23°C         | <b>N</b>     | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength, +23°C | <b>50</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |
| Charpy notched impact strength, -30°C | <b>30</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |

| <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>95</b>    | °C          | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa | <b>115</b>   | °C          | ISO 75-1/-2          |
| Vicat softening temperature, B           | <b>115</b>   | °C          | ISO 306              |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1100</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Special Characteristics**

Platable

**Regional Availability**

North America, Asia Pacific