

# Technical Datasheet

<b>Material Type</b>	<b>PC/ABS</b>	<b>Trademark</b>	<b>PRET</b>	<b>Grade Name</b>	<b>CB2340</b>
Feature	<ul style="list-style-type: none"> <li>High Heat Resistance , Low Emission</li> </ul>				
Availability	<ul style="list-style-type: none"> <li>Asian-Pacific, America</li> </ul>				
Processing method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>				
Appearance	<ul style="list-style-type: none"> <li>Color is Optional</li> </ul>				
Applications	<ul style="list-style-type: none"> <li>Automotive Applications and Engineering Parts</li> </ul>				

## General Properties

No.	Properties	Unit	Typical Value	Method	Test condition
1	Density	g/mL	1.15	ISO 1183	23 °C
2	Melt Flow	g/10min	17	ISO 1133	260 °C, 5Kg
3	Tensile Strength, Yield	MPa	54	ISO 527	50 mm/mm
4	Flexural Strength	MPa	85	ISO 178	2 mm/mm
5	Flexural Modulus	MPa	2,300	ISO 178	2 mm/mm
6	Notched Impact Strength	kJ/m <sup>2</sup>	55	ISO 179	23 °C
7	Notched Impact Strength	kJ/m <sup>2</sup>	30	ISO 179	-30 °C
8	Vicat Softening Temperature	°C	127	ISO 306	5Kg, 50 oC/h
9	Heat Deflection Temperature	°C	106	ISO 75	1.8 MPa
10	Flammability	mm/min	23	ISO 3795	

## Processing Conditions

Drying condition	100-120 °C, 4 h
Molding Temp.	230 - 280 °C (F), 220 - 260 °C (M), 210 - 260 °C (B)
Mold Temp.	50 - 70 °C
Screw Speed	40 - 70 rpm
Injection Pressure	70 - 110 MPa
Back Pressure	0.40 – 0.70 MPa

**Notes:** This technical data in the product brochures are typical test results for reference, and should not be defined as minimum value.