

# Technical Datasheet

Material Type	PC/ABS	Trademark	Retom	Grade Name	CB2340-G20
Feature					<ul style="list-style-type: none"> <li>20% Glass Fiber Reinforced, High Rigidity, High Heat Resistance (PC/ABS)</li> </ul>
Material Standard					<ul style="list-style-type: none"> <li>XXXXXX</li> </ul>
Availability					<ul style="list-style-type: none"> <li>North American/ Asia-Pacific</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 and Engineering parts</li> </ul>

## General Properties

No.	Properties	Unit	Typical Value	Method	Test condition
1	Filler Content	%	20	ISO 3451-1, -4	
2	Density	g/mL	1.26	ISO 1183	23 °C
3	Tensile Strength	MPa	75	ISO 527	5 mm/mm
4	Flexural Strength	MPa	100	ISO 178	2 mm/mm
5	Notched Impact Strength	kJ/m <sup>2</sup>	8	ISO 179-1	23 °C
6	Heat Deflection Temperature	°C	120	ISO 75	1.8 MPa
7	Vicat Softening Temp.	°C	130	ISO 306	B50
8	Impact Strength	kJ/m <sup>2</sup>	25	ISO 179-1	23 °C

## Processing Conditions

Drying condition	100-110 °C, 2-4 h
Molding Temp.	230 - 250 °C (F), 225 - 240 °C (M), 200 - 210 °C (B)
Mold Temp.	50 - 80 °C
Injection Pressure	70 - 110 MPa
Back Pressure	0.3 – 0.7 MPa

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