

Product Information	<b>SP10G30CC200B</b>	 <b>Sam Polymer Bonyan</b>
---------------------	----------------------	--

### Product Description

SP10G30CC200B is a black polypropylene reinforced by 30% glass fiber.

Property	Test Method (ASTM)	Test Condition	Value	Unit
<b>PHYSICAL</b>				
Density	D792	23°C	<b>1.15</b>	g/cm <sup>3</sup>
Melt Flow Rate (MFR)	D1238	230 °C, 2.16 Kg	<b>4</b>	g/10min
<b>MECHANICAL</b>				
Tensile Strength, Yield	D638	23°C	<b>75</b>	MPa
Tensile Elongation, Break	D638	23°C	<b>2.4</b>	%
Flexural Strength	D790	23°C	<b>125</b>	MPa
Flexural Modulus	D790	23°C	<b>5100</b>	MPa
Izod Impact Strength	D256	notched, 23°C	<b>10</b>	KJ/m <sup>2</sup>
<b>THERMAL</b>				
Vicat Softening Temperature	D1525	50 N, heating rate 50 °C/h	<b>124</b>	°C
Heat Deflection Temperature (HDT)	D648	0.45 Mpa	<b>150</b>	°C
		1.80 Mpa	<b>131</b>	°C

### Processing Guidelines

<b>Predrying</b>	Drying Time: 2-4 h	Drying Temperature: 80-100 °C
------------------	--------------------	-------------------------------

<b>Injection Molding</b>	Cylinder Temperature (°C)	Mold Temperature (°C)	Injection Speed	Injection Pressure (MPa)
	220-240	30-50	Medium	50-150

\*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.