


Product Information	<b>SN66200I15EB</b>	 <b>Sam Polymer Bonyan</b>
---------------------	---------------------	--

### Product Description

SN66200I15EB is a black PA66 impact modified by elastomer.

Property	Test Method (ASTM)	Test Condition	Value	Unit
<b>PHYSICAL</b>				
Density	D792	23°C	<b>1.07</b>	g/cm <sup>3</sup>
Mold Shrinkage	D955	In Flow, (2 mm, 60 MPa)	<b>1.0</b>	%
		Cross Flow, (2 mm, 60 MPa)	<b>1.6</b>	%
<b>MECHANICAL</b>				
Tensile Strength, Yield	D638	23°C	<b>55</b>	MPa
Tensile Elongation, Yield	D638	23°C	<b>12</b>	%
Flexural Strength	D790	23°C	<b>71</b>	MPa
Flexural Modulus	D790	23°C	<b>2030</b>	MPa
Izod Impact Strength	D256	notched, 23°C	<b>NB</b>	KJ/m <sup>2</sup>
<b>THERMAL</b>				
Melting Point	D3418	-	<b>260</b>	°C
Vicat Softening Temperature	D1525	50 N, heating rate 50 °C/h	<b>180</b>	°C
Heat Deflection Temperature (HDT)	D648	0.45 Mpa	<b>195</b>	°C
		1.80 Mpa	<b>65</b>	°C

### Processing Guidelines

<b>Predrying</b>	Drying Time: 2-6 h	Drying Temperature: 80-100 °C
------------------	--------------------	-------------------------------

<b>Injection Molding</b>	Cylinder Temperature (°C)	Mold Temperature (°C)	Injection Speed	Injection Pressure (MPa)
	280-300	80-100	Medium	35-125

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