


Product Information	<b>SP10M<sub>1</sub>25100</b>	
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### Product Description

SP10M<sub>1</sub>25100 is a Polypropylene Filled by 25% CaCO<sub>3</sub>.

Property	Test Method (ASTM)	Test Condition	Value	Unit
<b>PHYSICAL</b>				
Density	D792	23°C	<b>1.08</b>	g/cm <sup>3</sup>
Melt Flow Rate (MFR)	D1238	230 °C, 2.16 Kg	<b>25</b>	g/10min
<b>MECHANICAL</b>				
Tensile Strength, Yield	D638	23°C	<b>26</b>	MPa
Tensile Elongation, Yield	D638	23°C	<b>5.7</b>	%
Flexural Strength	D790	23°C	<b>32</b>	MPa
Flexural Modulus	D790	23°C	<b>1900</b>	MPa
Izod Impact Strength	D256	notched, 23°C	<b>5.0</b>	KJ/m <sup>2</sup>
<b>THERMAL</b>				
Vicat Softening Temperature	D1525	50 N, heating rate 50 °C/h	<b>75</b>	°C
Heat Deflection Temperature (HDT)	D648	0.45 Mpa	<b>96</b>	°C
		1.80 Mpa	<b>56</b>	°C

### Processing Guidelines

<b>Predrying</b>	Drying Time: 2-4 h	Drying Temperature: 80-100 °C
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<b>Injection Molding</b>	Cylinder Temperature (°C)	Mold Temperature (°C)	Injection Speed	Injection Pressure (MPa)
	190-220	30-50	Medium	40-130

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