

**Meras® 150 SG30 NC01**

PBT-GF30

Sipchem

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.3</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.1</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>10000</b>	MPa	ISO 527
Stress at break	<b>135</b>	MPa	ISO 527
Strain at break	<b>2.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>50</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>225</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>205</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-
<b>Other properties</b>			
Density	<b>1530</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Melt temperature	<b>230 - 240</b>	°C	-
Mold temperature	<b>70 - 90</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Delivery form**

Natural Color

**Regional Availability**

Europe, Asia Pacific, Near East/Africa