

**Product Texts**

Polyamide 6, 30% glass fiber reinforced, for injection moulding, black

**Processing/Physical Characteristics**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	37 / *	cm <sup>3</sup> /10min	ISO 1133
Load	5 / *	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577

[C]: CAMPUS

**Mechanical properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	9500 / -	MPa	ISO 527
<sup>[C]</sup> Stress at break	155 / -	MPa	ISO 527
<sup>[C]</sup> Strain at break	2.5 / -	%	ISO 527
Flexural modulus, 23°C	7500 / -	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	65 / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	8.5 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	9 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	214 / *	°C	ISO 306

[C]: CAMPUS

**Electrical properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 1E14	Ohm	IEC 62631-3-2

[C]: CAMPUS

**Other properties**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1360 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Material specific properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	145 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black