

**Product Texts**

Polyamide 6, 15% glass fiber reinforced, heat-aging stabilized, low temperature impact modified, for injection moulding

**Processing/Physical Characteristics**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
Melt volume-flow rate, MVR	40 / *	cm <sup>3</sup> /10min	ISO 1133
Load	5 / *	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577

[C]: CAMPUS

**Mechanical properties**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Tensile Modulus	4200 / 2300	MPa	ISO 527
<sup>[C]</sup> Stress at break	80 / 55	MPa	ISO 527
<sup>[C]</sup> Strain at break	4 / 10	%	ISO 527
Flexural modulus, 23°C	3700 / 2200	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	60 / 70	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	70 / 70	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	16 / 25	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	7 / 10	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

**Electrical properties**

dry / cond

Unit

Test Standard

**ISO Data**

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

[C]: CAMPUS

**Other properties**

dry / cond

Unit

Test Standard

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1170 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat