

**Product Texts**

Polyamide 6, low temperature impact modified, for injection moulding

**Processing/Physical Characteristics**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	1.4 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.8 / *	%	ISO 294-4, 2577

[C]: CAMPUS

**Mechanical properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	1650 / -	MPa	ISO 527
Flexural modulus, 23°C	1500 / -	MPa	ISO 178
Flexural strength	60 / -	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	N / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	N / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	70 / -	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	50 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	130 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	165 / *	°C	ISO 306
<sup>[C]</sup> Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
<sup>[C]</sup> Burning rate, FMVSS, Thickness 1 mm	35	mm/min	ISO 3795 (FMVSS 302)

[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	* / 1E13	Ohm	IEC 62631-3-2

[C]: CAMPUS

**Other properties**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1040 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Material specific properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	87.7 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Delivery form**

Natural Color