

Product Texts

Polyamide 6, 10% glass fiber reinforced, heat-aging stabilized, low temperature impact modified, for injection moulding

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	4000 / 2000	MPa	ISO 527
^[C] Stress at break	85 / 45	MPa	ISO 527
^[C] Strain at break	4 / 7	%	ISO 527
Flexural modulus, 23°C	3400 / 2000	MPa	ISO 178
^[C] Charpy impact strength, +23°C	60 / 70	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	50 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12 / 25	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	4 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1160 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

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