

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9000 / 4500	MPa	ISO 527
^[C] Stress at break	125 / 70	MPa	ISO 527
^[C] Strain at break	3.5 / 8	%	ISO 527
^[C] Charpy impact strength, +23°C	105 / 100	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	115 / 95	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	35 / 40	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	20 / 17	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	20 / *	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	65 / *	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	5.7 / *	%	Sim. to ISO 62
^[C] Humidity absorption	1.7 / *	%	Sim. to ISO 62
^[C] Density	1340 / *	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Additives

Lubricants, Release agent

Special Characteristics

High impact or impact modified, Light stabilized or stable to light, U.V. stabilized or stable to weather

Regional Availability

North America

Other text information

Injection molding

[Injection Molding Recommendations](#)
[Steel recommendations for molds screws and barrels](#)
[Trouble shooting guideline for injection molding](#)