

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	8300	MPa	ISO 527
^[C] Stress at break	105	MPa	ISO 527
^[C] Strain at break	3.5	%	ISO 527
^[C] Charpy impact strength, +23°C	47	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	38	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA
^[C] Shore D hardness	80	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	71	°C	ISO 11357-1/-2
^[C] Temp. of deflection under load, 1.80 MPa	204	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	221	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	88	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Relative permittivity, 100Hz	2.8	-	IEC 62631-2-1
^[C] Relative permittivity, 1MHz	3	-	IEC 62631-2-1
^[C] Dissipation factor, 1MHz	130	E-4	IEC 62631-2-1
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	32	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	0.19	%	Sim. to ISO 62
^[C] Density	1470	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America