

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	10000 / 6400	MPa	ISO 527
^[C] Stress at break	110 / 70	MPa	ISO 527
^[C] Strain at break	1.9 / 3.5	%	ISO 527
Flexural modulus, 23°C	9000 / 5000	MPa	ISO 178
Flexural strength	170 / 120	MPa	ISO 178
^[C] Charpy impact strength, +23°C	32 / 35	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	25 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	5 / 6.5	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	5 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	205 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn. Yellow Card available	V-0 / * yes / *	class -	IEC 60695-11-10 -
^[C] Burning Behav. at thickness h Thickness tested	V-0 / * 0.8 / *	class mm	IEC 60695-11-10 -

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / 6E12	Ohm	IEC 62631-3-2
^[C] Electric strength	25 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	600 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1420 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free