

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	5700 / 2000	MPa	ISO 527
^[C] Stress at 50% strain	* / 37	MPa	ISO 527
^[C] Stress at break	75 / *	MPa	ISO 527
^[C] Strain at break	3 / >50	%	ISO 527
Flexural modulus, 23°C	5000 / 1800	MPa	ISO 178
Flexural strength	120 / 55	MPa	ISO 178
^[C] Charpy impact strength, +23°C	40 / 100	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	6.5 / -	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	2.5 / -	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	170 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	210 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2 / *	class	IEC 60695-11-10
Yellow Card available	yes / *	-	-
^[C] Burning Behav. at thickness h	V-2 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Electric strength	31 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	500 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1280 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Features

Laser Markable

Special Characteristics

Flame retardant, Halogen-free

Applications

Electrical and Electronical