

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.0 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	12500 / 8200	MPa	ISO 527
^[C] Stress at break	175 / 110	MPa	ISO 527
^[C] Strain at break	2.1 / 3.2	%	ISO 527
Flexural modulus, 23°C	11000 / 7500	MPa	ISO 178
Flexural strength	260 / 200	MPa	ISO 178
^[C] Charpy impact strength, +23°C	60 / 70	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	55 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10 / 12	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	8 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	263 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	244 / *	°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	* / 1E12	Ohm	IEC 62631-3-2
^[C] Electric strength	32 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	400 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1460 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant, Halogen-free

Applications

Electrical and Electronical