

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10200 / 8000	MPa	ISO 527
^[C] Stress at break	115 / 85	MPa	ISO 527
^[C] Strain at break	1.8 / 2.2	%	ISO 527
Flexural modulus, 23°C	10000 / 7500	MPa	ISO 178
Flexural strength	170 / 120	MPa	ISO 178
^[C] Charpy impact strength, +23°C	32 / 30	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	30 / -	kJ/m ²	ISO 179/1eU

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
^[C] Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
^[C] Burning Behav. 5V at thickness h	5VA / *	class	IEC 60695-11-20
Thickness tested	1.5 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	6E12 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	38 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	600 / -	-	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

Features
Laser Markable

Special Characteristics
Flame retardant, Halogen-free, Phosphorus-free

Applications
Electrical and Electronical