

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9800 / 6700	MPa	ISO 527
^[C] Stress at break	136 / 94	MPa	ISO 527
^[C] Strain at break	3 / 5	%	ISO 527
Flexural modulus, 23°C	9600 / 6600	MPa	ISO 178
Flexural strength	209 / 154	MPa	ISO 178
^[C] Charpy impact strength, +23°C	58 / 58	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	8 / 10	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	150 / -	MPa	ASTM D 638
Elongation at Break	2.3 / -	%	ASTM D 638
Flexural Modulus	9300 / -	MPa	ASTM D 790
Flexural Strength	220 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75 / -	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	241 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	258 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	3	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
Coefficient of Thermal Expansion, MD	30	E-6/K	ASTM D 696
DTUL @ 264 psi	248	°C	ASTM D 648

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Comparative tracking index	600 / -	-	IEC 60112

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Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.3 / *	%	Sim. to ISO 62
^[C] Density	1410 / -	kg/m ³	ISO 1183
Density	1410	kg/m ³	ASTM D 792

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa