

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	3500 / 1100	MPa	ISO 527
Yield stress	* / 33	MPa	ISO 527
^[C] Stress at break	51 / -	MPa	ISO 527
^[C] Strain at break	1 / -	%	ISO 527
Flexural modulus, 23°C	4500 / 2200	MPa	ISO 178
Flexural strength	84 / 60	MPa	ISO 178
^[C] Charpy notched impact strength, +23°C	1 / 1	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	110 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	239 / *	°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	0.8	mm	-

[C]: CAMPUS

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

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.4 / *	%	Sim. to ISO 62
^[C] Density	1260 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	265 - 275	°C	-
Mold temperature	75 - 85	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant

Applications

Automotive

Regional Availability

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