

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10000 / 7600	MPa	ISO 527
^[C] Stress at break	140 / 92	MPa	ISO 527
^[C] Strain at break	2 / 2.5	%	ISO 527
Flexural modulus, 23°C	9800 / 7100	MPa	ISO 178
Flexural strength	197 / 148	MPa	ISO 178
^[C] Charpy impact strength, +23°C	38 / 46	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4 / 5	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 90	-	ISO 2039-2
ASTM Data			
Tensile Strength	128 / 98	MPa	ASTM D 638
Elongation at Break	3 / 3.5	%	ASTM D 638
Flexural Modulus	8800 / 5800	MPa	ASTM D 790
Flexural Strength	191 / 157	MPa	ASTM D 790
Rockwell Hardness	M 90 /	-	ASTM D 785
Izod Impact notched, 1/8 in	36 / 39	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	247 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Yellow Card available	yes / *	-	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-
DTUL @ 66 psi	250	°C	ASTM D 648
DTUL @ 264 psi	245	°C	ASTM D 648

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.4 / *	%	Sim. to ISO 62
^[C] Density	1520 / -	kg/m ³	ISO 1183
Density	1520	kg/m ³	ASTM D 792

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	275 - 295	°C	-
Mold temperature	75 - 85	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

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