

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	14900 / 11500	MPa	ISO 527
^[C] Stress at break	221 / 160	MPa	ISO 527
^[C] Strain at break	2 / 4	%	ISO 527
Flexural modulus, 23°C	13100 / 10600	MPa	ISO 178
Flexural strength	352 / 261	MPa	ISO 178
^[C] Charpy impact strength, +23°C	N / 101	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	14 / 20	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 118	-	ISO 2039-2
ASTM Data			
Tensile Strength	230 / 160	MPa	ASTM D 638
Elongation at Break	2.5 / 4	%	ASTM D 638
Flexural Modulus	13000 / 9500	MPa	ASTM D 790
Flexural Strength	360 / 250	MPa	ASTM D 790
Rockwell Hardness	M 95 / M 80	-	ASTM D 785
Izod Impact notched, 1/8 in	140 / -	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	255 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-
Coefficient of Thermal Expansion, MD	20	E-6/K	ASTM D 696
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	250	°C	ASTM D 648

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.4 / *	%	Sim. to ISO 62
^[C] Density	1500 / -	kg/m ³	ISO 1183
Density	1500	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