

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9500 / 7500	MPa	ISO 527
^[C] Stress at break	203 / 161	MPa	ISO 527
^[C] Strain at break	4 / 6	%	ISO 527
Flexural modulus, 23°C	9700 / 7800	MPa	ISO 178
Flexural strength	296 / 250	MPa	ISO 178
^[C] Charpy impact strength, +23°C	92 / 92	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	13 / 15	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 121	-	ISO 2039-2
ASTM Data			
Tensile Strength	215 / 170	MPa	ASTM D 638
Elongation at Break	3 / 5	%	ASTM D 638
Flexural Modulus	8400 / 6700	MPa	ASTM D 790
Flexural Strength	309 / 261	MPa	ASTM D 790
Rockwell Hardness	R 118 /	-	ASTM D 785
Izod Impact notched, 1/8 in	135 / 158	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	208 / *	°C	ISO 75-1/-2
ASTM Data			
Coefficient of Thermal Expansion, MD	20	E-6/K	ASTM D 696
DTUL @ 264 psi	208	°C	ASTM D 648
Thermal Conductivity, solid state	0.0577	W/(m K)	ASTM C 177

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.1 / *	%	Sim. to ISO 62
^[C] Density	1350 / -	kg/m ³	ISO 1183
Density	1350	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	270 - 290	°C	-
Mold temperature	75 - 85	°C	-

Characteristics

Processing

Injection Molding

Chemical Resistance

Hydrolytically Stable

Delivery form

Pellets

Regional Availability

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