

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10200 / 9300	MPa	ISO 527
^[C] Stress at break	180 / 150	MPa	ISO 527
^[C] Strain at break	2.5 / 3	%	ISO 527
Flexural modulus, 23°C	10000 / 8100	MPa	ISO 178
Flexural strength	238 / 216	MPa	ISO 178
^[C] Charpy impact strength, +23°C	55 / 54	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6 / 12	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2
ASTM Data			
Tensile Strength	194 / 157	MPa	ASTM D 638
Elongation at Break	3 / 4	%	ASTM D 638
Flexural Modulus	9600 / 7600	MPa	ASTM D 790
Flexural Strength	294 / 245	MPa	ASTM D 790
Rockwell Hardness	M 90 /	-	ASTM D 785
Izod Impact notched, 1/8 in	98 / 118	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	220 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	235 / *	°C	ISO 75-1/-2
ASTM Data			
Coefficient of Thermal Expansion, MD	30	E-6/K	ASTM D 696
DTUL @ 264 psi	220	°C	ASTM D 648

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.4 / *	%	Sim. to ISO 62
^[C] Density	1390 / -	kg/m ³	ISO 1183
Density	1390	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	85 - 95	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Delivery form

Pellets

Regional Availability

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