

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3300 / 1300	MPa	ISO 527
^[C] Yield stress	78 / 52	MPa	ISO 527
^[C] Yield strain	4 / 27	%	ISO 527
Flexural modulus, 23°C	2900 / 1200	MPa	ISO 178
Flexural strength	114 / 46	MPa	ISO 178
^[C] Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6 / 18	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	64 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	201 / *	°C	ISO 75-1/-2
ASTM Data			
Coefficient of Thermal Expansion, MD	70	E-6/K	ASTM D 696

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	2.4 / *	%	Sim. to ISO 62
^[C] Density	1170 / -	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	270 - 290	°C	-
Mold temperature	75 - 85	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Features

Tribologic Grade

Regional Availability

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