

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	13000 / 13000	MPa	ISO 527
^[C] Stress at break	230 / 200	MPa	ISO 527
^[C] Strain at break	3 / 3	%	ISO 527
Flexural modulus, 23°C	13000 / 12000	MPa	ISO 178
Flexural strength	320 / 310	MPa	ISO 178
^[C] Charpy notched impact strength, +23°C	15 / 14	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 102	-	ISO 2039-2

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	235 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
ASTM Data			
Coefficient of Thermal Expansion, MD	12	E-6/K	ASTM D 696

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	40 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	575 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.5 / *	%	Sim. to ISO 62
^[C] Density	1460 / -	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	280 - 300	°C	-
Mold temperature	100 - 120	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Delivery form

Pellets, Black

Regional Availability

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