

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10000 / 6200	MPa	ISO 527
^[C] Stress at break	180 / 110	MPa	ISO 527
^[C] Strain at break	3 / 6	%	ISO 527
^[C] Charpy impact strength, +23°C	72 / 90	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	60 / 40	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10 / 18	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	7 / 10	kJ/m ²	ISO 179/1eA

ASTM Data			
Tensile Strength at Yield	150 / -	MPa	ASTM D 638
Elongation at Break	4.5 / -	%	ASTM D 638
Flexural Modulus	9763 / -	MPa	ASTM D 790
Flexural Strength	230 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	64.1 / -	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	250 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	250 / *	°C	ISO 75-1/-2

ASTM Data			
DTUL @ 66 psi	254	°C	ASTM D 648
DTUL @ 264 psi	238	°C	ASTM D 648

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E11 / 1E8	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2
^[C] Comparative tracking index	450 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1350 / -	kg/m ³	ISO 1183
Density	1380	kg/m ³	ASTM D 792

[C]: CAMPUS

Material specific properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Viscosity number	145 / *	cm ³ /g	ISO 307, 1157, 1628

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Additives

Release agent

Delivery form

Granules

Regional Availability

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