

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	190	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	15000	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	190	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	15000	MPa	ASTM D 790
Flexural Strength	275	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	700	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	274	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 264 psi	274	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257
Other properties			
Density	1660	kg/m ³	ISO 1183
Density	1660	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	140 - 150	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	140 - 160	°C	-
Zone 1	300 - 320	°C	-
Zone 2	300 - 320	°C	-
Zone 3	300 - 320	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Pellets, Black