

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0075	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	145	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	9650	MPa	ASTM D 790
Flexural Strength	224	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	80	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	218	°C	ASTM D 648
DTUL @ 264 psi	210	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1380	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	260 - 293	°C	-
Mold temperature	27 - 82	°C	-
Zone 1	249 - 271	°C	-
Zone 2	260 - 293	°C	-
Zone 3	260 - 293	°C	-
Nozzle temperature	260 - 293	°C	-
Back pressure	0.345	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America