

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.015	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	8450	MPa	ASTM D 638
Tensile Strength at Yield	114	MPa	ASTM D 638
Tensile Strength at Break	114	MPa	ASTM D 638
Elongation at Break	3.6	%	ASTM D 638
Flexural Modulus	7240	MPa	ASTM D 790
Flexural Strength	191	MPa	ASTM D 790
Izod Impact notched, 1/4 in	80	J/m	ASTM D 256
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, parallel	18	E-6/K	ISO 11359-1/-2
ASTM Data			
DTUL @ 66 psi	212	°C	ASTM D 648
DTUL @ 264 psi	195	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1430	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	71.1 - 76.7	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	243 - 371	°C	-
Mold temperature	65.6 - 93.3	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Applications

Automotive, IT / Business Machine

Regional Availability

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