

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	5070	MPa	ASTM D 638
Tensile Strength at Yield	64.1	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4550	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Rockwell Hardness	R 113	-	ASTM D 785
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	370	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	194	°C	ASTM D 648
DTUL @ 264 psi	100	°C	ASTM D 648
Other properties			
Density	2350	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 293	°C	-
Mold temperature	82.2 - 135	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Applications

Automotive, Medical, Sports Equipment

Regional Availability

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