

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1820	MPa	ISO 527
Stress at break	136	MPa	ISO 527
Strain at break	8.8	%	ISO 527
ASTM Data			
Tensile Modulus	8620	MPa	ASTM D 638
Tensile Strength at Yield	169	MPa	ASTM D 638
Elongation at Yield	3	%	ASTM D 638
Flexural Modulus	8620	MPa	ASTM D 790
Flexural Strength	172	MPa	ASTM D 790
Izod Impact notched, 1/8 in	91	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Water absorption	0.9	%	Sim. to ISO 62
Density	1400	kg/m ³	ISO 1183
Water Absorption, 24hr	1	%	ASTM D 570
Density	1390	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 293	°C	-
Mold temperature	82.2 - 107	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Applications

Automotive, Building Construction, General Purpose

Regional Availability

North America, South and Central America