

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	18	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	5.6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2140	MPa	ASTM D 638
Tensile Strength at Yield	40.7	MPa	ASTM D 638
Tensile Strength at Break	31.7	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2210	MPa	ASTM D 790
Izod Impact notched, 1/8 in	320	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	96.7	°C	ASTM D 648
DTUL @ 264 psi	82.2	°C	ASTM D 648
Vicat Temperature	98.9	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82 - 93	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Mold temperature	49 - 71	°C	-
Zone 1	188 - 210	°C	-
Zone 2	204 - 227	°C	-
Zone 3	216 - 238	°C	-
Nozzle temperature	218 - 260	°C	-
Back pressure	0.345 - 0.689	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Applications

General Purpose

Regional Availability

North America