

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	50.4	MPa	ASTM D 638
Flexural Modulus	1786	MPa	ASTM D 790
Izod Impact notched, 1/8 in	865	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	181	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
DTUL @ 264 psi	56.1	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418
Other properties			
Density	1080	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	65 - 82	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	282 - 304	°C	-
Mold temperature	49 - 93	°C	-
Zone 1	260 - 282	°C	-
Zone 2	271 - 293	°C	-
Zone 3	282 - 304	°C	-
Nozzle temperature	279 - 301	°C	-
Injection pressure	7 - 15	MPa	-
Back pressure	0 - 50	MPa	-
Holding pressure	5 - 12	MPa	-
Maximum residence time	6	min	-

Characteristics

Processing

Injection Molding

Applications

Automotive, General Purpose

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

North America