

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	39.3	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2275	MPa	ASTM D 790
Flexural Strength	57.9	MPa	ASTM D 790
Rockwell Hardness	R95	-	ASTM D 785
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	73.9	°C	ASTM D 648
Other properties			
Density	1210	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	71.1 - 82.2	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	193 - 232	°C	-
Mold temperature	71.1 - 82.2	°C	-
Zone 1	171 - 182	°C	-
Zone 2	199 - 210	°C	-
Zone 3	210 - 221	°C	-
Nozzle temperature	193 - 221	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.345 - 0.689	MPa	-

Characteristics

Processing

Injection Molding

Features

Low Odor

Delivery form

Pellets

Applications

General Purpose

Special Characteristics

Flame retardant

Regional Availability

North America