

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	66.2	MPa	ASTM D 638
Tensile Strength at Break	55.2	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	3447	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Rockwell Hardness	M85	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	142	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	310 - 332	°C	-
Mold temperature	82.2 - 116	°C	-
Zone 1	288 - 310	°C	-
Zone 2	299 - 321	°C	-
Zone 3	310 - 332	°C	-
Nozzle temperature	304 - 327	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.345 - 0.689	MPa	-

Characteristics

Delivery form

Pellets

Features

Low Odor

Special Characteristics

Flame retardant, High impact or impact modified

Regional Availability

North America