

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	41.4	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2275	MPa	ASTM D 790
Flexural Strength	61.4	MPa	ASTM D 790
Rockwell Hardness	R95	-	ASTM D 785
Izod Impact notched, 1/8 in	267	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	73.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

Delivery form

Pellets

Special Characteristics

Flame retardant, High impact or impact modified

Features

High Gloss, Low Odor

Regional Availability

North America