

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	275	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	8.1	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	1.05	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	60	MPa	ISO 527
Flexural modulus, 23°C	2900	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 88	-	ISO 2039-2
ASTM Data			
Tensile Strength	60	MPa	ASTM D 638
Flexural Modulus	2854	MPa	ASTM D 790
Flexural Strength	92	MPa	ASTM D 790
Rockwell Hardness	R 88	-	ASTM D 785
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	230	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 66 psi	77	°C	ASTM D 648
Melting Temperature	234	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
Other properties			
Value			
Density	1330	kg/m ³	ISO 1183
Density	1330	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value			
Pre-drying - Temperature	140 - 160	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.08	%	-
Mold temperature	30 - 80	°C	-
Zone 1	160 - 210	°C	-
Zone 2	200 - 240	°C	-
Zone 3	220 - 250	°C	-
Nozzle temperature	230 - 265	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Transparent

Regional Availability

North America, Asia Pacific