

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	47.1	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Flexural Strength	73.6	MPa	ASTM D 790
Rockwell Hardness	R 109	-	ASTM D 785
Izod Impact notched, 1/8 in	177	J/m	ASTM D 256
Izod Impact notched, 1/4 in	177	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	85	°C	ASTM D 648
Optical properties			
ASTM Data			
Haze	2.6	%	ASTM D 1003
Light Transmittance	89	%	ASTM D 1003
Other properties			
Density	1090	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.01	%	-
Melt temperature	220 - 250	°C	-
Mold temperature	40 - 70	°C	-
Zone 1	200 - 220	°C	-
Zone 2	210 - 230	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	220 - 250	°C	-
Screw speed	<80	rpm	-
Back pressure	30 - 60	MPa	-

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Transparent

Features

Acoustical Barrier Properties

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific, South and Central America