

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	28	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Strength	30	MPa	ISO 527
Flexural modulus, 23°C	1320	MPa	ISO 178
Flexural strength	36	MPa	ISO 178
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	155	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	52	°C	ISO 75-1/-2
Other properties			
Density	940	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70	°C	-
Pre-drying - Time	1 - 3	h	-
Processing humidity	≤0.15	%	-
Mold temperature	33 - 49	°C	-
Zone 1	199 - 221	°C	-
Zone 2	199 - 221	°C	-
Zone 3	204 - 227	°C	-
Nozzle temperature	204 - 227	°C	-
Screw speed	30 - 100	rpm	-
Injection pressure	69 - 103	MPa	-
Back pressure	0.34 - 1.03	MPa	-

Characteristics

Processing

Injection Molding

Features

Homopolymer

Certifications

Recycled Resin Content

Regional Availability

North America