

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	28	MPa	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Flexural strength	40	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
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	Value	Unit	Test Standard
Density	930	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	21 - 43	°C	-
Zone 1	248 - 270	°C	-
Zone 2	248 - 270	°C	-
Zone 3	248 - 270	°C	-
Nozzle temperature	260 - 270	°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