

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Tensile Strength	21	MPa	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	2	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Izod notched impact strength	3	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	54	°C	ISO 75-1/-2
Vicat softening temperature, A	145	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ISO 1183
Bulk density	530	kg/m ³	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	1 - 3	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 240	°C	-
Mold temperature	20 - 80	°C	-
Zone 1	190 - 240	°C	-
Injection pressure	80 - 140	MPa	-
Holding pressure	56 - 112	MPa	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	1 - 3	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 220	°C	-
Mold temperature	20 - 80	°C	-
Zone 1	190 - 240	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Certifications

Recycled Resin Content

Regional Availability

Europe