

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	1.6	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	3290	MPa	ISO 527
Stress at break	73	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	16	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	98	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	102	°C	ISO 75-1/-2
Vicat softening temperature, B	106	°C	ISO 306
Coeff. of linear therm. expansion, parallel	63	E-6/K	ISO 11359-1/-2
Optical properties			
ISO Data			
Luminous transmittance	81	%	ISO 13468-1, -2
Other properties			
Density	1190	kg/m ³	ISO 1183
Recycled resin content	30	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	<80	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	60 - 90	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather

Features

Light Diffusing, Light Guiding

Certifications

Recycled Resin Content, Post-Industrial Recyclate

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa