

Product Texts

Available in Clear and Black.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	2.3	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3290	MPa	ISO 527
Stress at break	73	MPa	ISO 527
Strain at break	6.4	%	ISO 527
Charpy impact strength, +23°C	19	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
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	80	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	2.0	mm	-

Optical properties	Value	Unit	Test Standard
ISO Data			
Luminous transmittance	91	%	ISO 13468-1, -2
ASTM Data			
Haze	0.5	%	ASTM D 1003
Other Standards^[5]			
Index of Refraction	1.49	-	ISO 489

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ISO 1183
Recycled resin content	30	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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, Sheet Extrusion, Other Extrusion

Delivery form
Pellets

Special Characteristics
U.V. stabilized or stable to weather, Transparent

Features
Amorphous, 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