

Product Texts

PCR content 50 %

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	19	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Yield strain	2.6	%	ISO 527
Stress at break	25	MPa	ISO 527
Strain at break	8	%	ISO 527
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	95	°C	ISO 306

Other properties

	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183
Recycled resin content	50	%	-
Bulk density	600	kg/m ³	-

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	30 - 80	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

High Gloss

Certifications

Recycled Resin Content, Post-Consumer Recyclate

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Near East/Africa