

Product Texts

The minimum recycled content of this PCR plastic material amounts to 97%.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	23	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2250	MPa	ISO 527
Yield stress	48	MPa	ISO 527
Stress at break	42	MPa	ISO 527
Izod impact strength, +23°C	128	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	28	kJ/m ²	ISO 180/1A

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	115	°C	ISO 306

Other properties

	Value	Unit	Test Standard
Density	1160	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	235	°C	-
Mold temperature	60	°C	-

Processing Recommendation Extrusion

	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	220	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Certifications

Recycled Resin Content, RoHS compliant

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific