

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	2200	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Izod impact strength, +23°C	33	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	91	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	225	°C	-
Mold temperature	55	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	210	°C	-

Characteristics

Processing
Injection Molding, Other Extrusion

Delivery form
Black

Features
Copolymer

Certifications
Recycled Resin Content, RoHS compliant

Applications
General Purpose

Regional Availability
North America, Europe, Asia Pacific