

Product Texts

Partially bio-circular grade / Attributed via mass balance (according to ISCC PLUS Standard).

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19000	MPa	ISO 527
Stress at break	162	MPa	ISO 527
Strain at break	1.4	%	ISO 527
Flexural modulus, 23°C	16500	MPa	ISO 178
Flexural strength	230	MPa	ISO 178
Izod impact strength, +23°C	27	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	92	°C	ISO 75-1/-2
Vicat softening temperature, B	102	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 310	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Certifications

Contains renewable resources, Recycled Resin Content, ISCC Plus

Regional Availability

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