

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Tensile Strength	63	MPa	ISO 527
Strain at break	120	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	89	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	77	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	77	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1300	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified

Features

Light Guiding

Certifications

Contains renewable resources

Applications

Automotive, Electrical and Electronical, Packaging, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific