

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	75	cm ³ /10min	ISO 1133
Temperature	340	°C	-
Load	2.16	kg	-
Melt flow index, MFI	50	g/10min	ISO 1133
Temperature	340	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Tensile Strength	120	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	6700	MPa	ISO 178
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	300	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	120	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	140	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	270	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ISO 1183
Bulk density	710	kg/m ³	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America