

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	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3400	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Strain at break	10	%	ISO 527
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, B	105	°C	ISO 306

Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1210	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 120	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	200 - 260	°C	-
Mold temperature	20 - 80	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat