

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2750	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Nominal strain at break	7	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	63	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Vicat softening temperature, B	94	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.07	%	-
Melt temperature	230 - 240	°C	-
Mold temperature	10 - 50	°C	-
Zone 1	190 - 230	°C	-

Characteristics

Processing

Injection Molding

Features

Homopolymer

Delivery form

Black

Applications

Automotive

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Europe