

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Yield stress	76	MPa	ISO 527
Yield strain	3	%	ISO 527
Flexural modulus, 23°C	4100	MPa	ISO 178
Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	133	°C	ISO 306
ASTM Data			
Coefficient of Thermal Expansion, MD	50.4	E-6/K	ASTM D 696

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	260 - 290	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Regional Availability

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