

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2350	MPa	ISO 527
Yield stress	49	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	180	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	32	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	12	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	32	kJ/m ²	ISO 180/1A
Izod notched impact strength	12	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	100	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Vicat softening temperature, B	106	°C	ISO 306
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
Electrical properties			
ISO Data			
Relative permittivity, 100Hz	3.1	-	IEC 62631-2-1
Relative permittivity, 1MHz	3	-	IEC 62631-2-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1070	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

Europe, Asia Pacific, Near East/Africa