

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13000	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	4.2	%	ISO 527
Flexural modulus, 23°C	12000	MPa	ISO 178
Izod impact strength, +23°C	71	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	19	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	12	kJ/m ²	ISO 180/1A
	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	120	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	175	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	200	°C	ISO 306
Vicat softening temperature, B	120	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	5	Ohm*m	IEC 62631-3-1
Surface resistivity	10000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	215 - 230	°C	-
Mold temperature	90	°C	-

Characteristics

Processing
Injection Molding

Regional Availability
Europe