

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	21	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Thermal conductivity of melt	0.18	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Tensile Strength	50	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	2700	MPa	ISO 178
Flexural strength	78	MPa	ISO 178
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, B	100	°C	ISO 306
Coeff. of linear therm. expansion, parallel	85	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Density	1050	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, IT / Business Machine, Medical

Regional Availability

North America, Europe, Asia Pacific