

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	160	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3000	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Yield strain	4	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Flexural strength	115	MPa	ISO 178
Charpy notched impact strength, +23°C	5.3	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	3.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	170	°C	ISO 75-1/-2
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	9.8	%	Sim. to ISO 62
Humidity absorption	3.2	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183

Characteristics

Regional Availability

North America, Europe