

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	22	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Molding shrinkage, normal	4.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9800	MPa	ISO 527
Yield stress	140	MPa	ISO 527
Yield strain	3.8	%	ISO 527
Flexural modulus, 23°C	9600	MPa	ISO 178
Flexural strength	230	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	261	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1380	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

North America, Europe