

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	7	cm ³ /10min	ISO 1133
Temperature	330	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2450	MPa	ISO 527
Yield stress	76	MPa	ISO 527
Yield strain	6.9	%	ISO 527
Nominal strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	177	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	196	°C	ISO 75-1/-2
Vicat softening temperature, B	208	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Electrical properties			
ISO Data			
Electric strength	35	kV/mm	IEC 60243-1
Other properties			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.12	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	320 - 340	°C	-
Mold temperature	130 - 150	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa