

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	55	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	40	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Flexural strength	64	MPa	ISO 178
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, B	83	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Other properties			
Density	1190	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant