

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	4000	MPa	ISO 527
Nominal strain at break	1.6	%	ISO 527
Stress at break	38	MPa	ISO 527
Charpy impact strength, +23°C	10	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	121	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	128	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	3	mm	-
Glow Wire Ignition Temperature (GWIT)	930	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.5	mm	-
Glow Wire Ignition Temperature (GWIT)	930	°C	IEC 60695-2-13
GWIT - thickness tested (2)	3	mm	-
Other properties			
Density	1280	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Melt temperature	310	°C	-
Mold temperature	90	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Thermally Conductive

Applications

Electrical and Electronical

Regional Availability

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