

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Stress at break	65	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Rockwell hardness	L 80	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	230	°C	ISO 75-1/-2
Vicat softening temperature, B	240	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Glow Wire Flammability Index (GWFI)	700	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1	mm	-
Glow Wire Flammability Index (GWFI)	700	°C	IEC 60695-2-12
GWFI - thickness tested (2)	3	mm	-
Glow Wire Ignition Temperature (GWIT)	675	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1	mm	-
Glow Wire Ignition Temperature (GWIT)	675	°C	IEC 60695-2-13
GWIT - thickness tested (2)	3	mm	-
Other properties			
Density	1260	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Certifications

RoHS compliant

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America