

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	64	MPa	ISO 527
Yield strain	6.3	%	ISO 527
Stress at break	59	MPa	ISO 527
Strain at break	110	%	ISO 527
Flexural modulus, 23°C	2240	MPa	ISO 178
Charpy notched impact strength, +23°C	16	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	13	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	128	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	136	°C	ISO 75-1/-2
Vicat softening temperature, A	151	°C	ISO 306
Vicat softening temperature, B	143	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	800	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	1.5	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (3)	2	mm	-
Glow Wire Ignition Temperature (GWIT)	825	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1	mm	-
Glow Wire Ignition Temperature (GWIT)	825	°C	IEC 60695-2-13
GWIT - thickness tested (2)	1.5	mm	-
Glow Wire Ignition Temperature (GWIT)	825	°C	IEC 60695-2-13
GWIT - thickness tested (3)	2	mm	-

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	60 - 100	°C	-
Zone 1	280 - 300	°C	-
Zone 2	280 - 310	°C	-
Zone 3	290 - 320	°C	-
Nozzle temperature	290 - 320	°C	-

## Characteristics

**Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

Flame retardant, Phosphorus-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat, Transparent

**Applications**

Electrical and Electronical

**Regional Availability**

Europe, Near East/Africa