

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9200	MPa	ISO 527
Stress at break	135	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	63	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	0.8	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	1.6	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (3)	3.2	mm	-
Glow Wire Ignition Temperature (GWIT)	750	°C	IEC 60695-2-13
GWIT - thickness tested (1)	0.8	mm	-
Glow Wire Ignition Temperature (GWIT)	725	°C	IEC 60695-2-13
GWIT - thickness tested (2)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	750	°C	IEC 60695-2-13
GWIT - thickness tested (3)	3.2	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1370	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics

Processing

Injection Molding

Certifications

RoHS compliant

Delivery form

Natural Color

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free

Regional Availability

Europe, Asia Pacific