

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	12500	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	372	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	350	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	200 - 220	°C	-
Mold temperature	200 - 220	°C	-
Feed temperature	60 - 80	°C	-
Nozzle temperature	430 - 445	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Tribologic Grade

Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical, Encapsulation

Regional Availability

Europe